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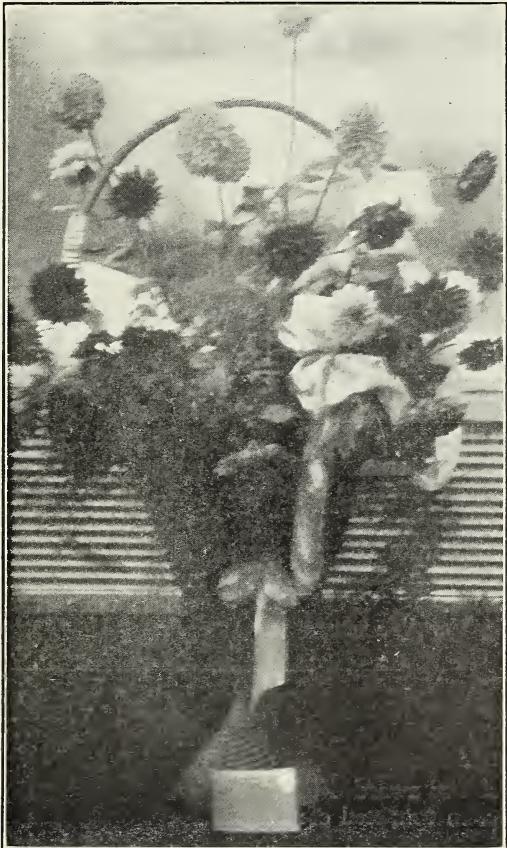
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MISSOURI DAHLIA FARMS  
CATALOGUE  
AND CULTURAL GUIDE  
FOR 1927



PRIZE WINNING BASKET

MISSOURI DAHLIA FARMS CO., Inc.

LARGEST GROWERS OF DAHLIAS WEST OF NEW YORK STATE

3½ MILES WEST OF WELLSTON  
ON ST CHARLES CAR LINE, AT WALTON ROAD

Address Mail to

WELLSTON STA., 2809 THOMAS AVE., ST. LOUIS, MO.

## Our winnings at the THIRD ANNUAL DAHLIA SHOW Held at the Missouri Botanical Gardens, 1926

The basket on front cover which won First Prize for best basket was made up of left over flowers from our general display. The flowers were mostly Mrs. Carl Salbach, Orange King, Ellinor Vanderveer and Pride of California.

Other awards were:

- First Prize—Best General Display covering 30 square feet.
- First Prize—Best Collection of 10 vases. Six of one variety to a vase.
- First Prize—Best Collection of 5 vases. Six of one variety to a vase.
- First Prize—Best Basket.
- First Prize—Best Decorative—Mrs. I. de Ver Warner.
- First Prize—Best Hybrid Castus—Corona Leo.
- First Prize—Best Show—Missouri Beauty.
- First Prize—Best Pompon—Gem.
- Second Prize—Best Decorative—Jersey Beacon.
- Second Prize—Best Show—Dreer's White.
- Second Prize—Best Pompon—Goldie.
- Third Prize—Best Hybrid Cactus—Jean Chazot.
- Third Prize—Best Show—Acquisition.
- Third Prize—Best Pompon—Johnny.

The general expression of the public was that this was the best show that had been held here, especially in point of the quality of the flowers.

In addition to the 14 ribbons that we won we were also awarded the Silver and Bronze Medals of the American Dahlia Society of New York for first and second best general displays. These were the highest awards offered.

It may be of further interest to our friends to know what varieties made up the collections of the 5 and 10 vase classes.

The 10-vase collection consisted of:

- 6 Jersey Beacon
- 6 Jersey Beauty
- 6 Margaret Masson
- 6 Jean Chazot
- 6 Mrs. I. de Ver Warner
- 6 Papillon
- 6 Dr. Tevis
- 6 Carmencita
- 6 Corona Leo
- 6 Mina Burgle

The Silver Medal was awarded this collection.

The 5-vase collection consisted of:

6 U. S. A.	6 Mrs. I. de Ver Warner
6 Mina Burgle	6 Azalea

6 Mr. C. H. Dresselhuis

The Bronze Medal was awarded the 30 Sq. Ft. which was made up of a general collection of varieties.

These flowers that ranged in size from 6 to 10 inches in diameter and on stems 4 and 5 feet long were the admiration of every visitor to the show.

We have succeeded in winning all of the medals that have been offered at the Dahlia Shows in this section. These represent the highest awards offered. The two previous years we won the silver medal each time and last year we won the silver and bronze medals. That was the first year that both of these were offered in the commercial section.

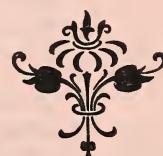


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# MISSOURI DAHLIA FARMS CO., Inc.

LARGEST GROWERS OF DAHLIAS WEST OF NEW YORK STATE

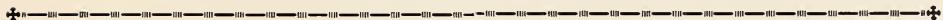
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3½ Miles west of Wellston  
on St. Charles Car Line, at Walton Road

Address Mail to Wellston Sta., 2809 Thomas Ave., St. Louis, Mo.

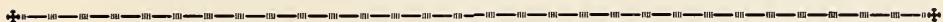
F. M. DAVIS, Pres.

WABASH 67



## *"Say it with flowers"*

AND DAHLIAS ARE GOOD FLOWERS TO SAY IT WITH



### Greetings to Flower Lovers in General and Dahlia Lovers in Particular

It is with pleasure that we again greet you with our 1927 catalogue and cultural guide which contains many of the new varieties that we have tested out and found to be most satisfactory. Some others that have made records in various parts of the country that came to us by responsible parties we also offer and feel assured that they will give satisfaction under ordinary conditions.

Our efforts last year were most gratifying in spite of the fact that we had another very trying year, hot and dry until late in the summer, which gave a very short season. Again we demonstrated the advisability of late planting. Many in this locality had flowers earlier than what we did but the quality did not compare with those of later planting. While our crop of flowers was comparatively short we had some of the finest flowers that we have ever grown and the visitors that came at the proper time were highly pleased with the display and were well paid for their efforts.

We appreciate your cooperation and good will.

Very truly yours,

Your friend,

*F. M. DAVIS, President*

## General Information and Instructions

We shall endeavor to deal with the different questions of interest regarding the Dahlia under their respective heads as fully as space will permit.

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### CAN GOOD DAHLIAS BE GROWN IN THE MIDDLE WEST?

The general impression has been that our climatic conditions were such that good Dahlias could not be grown here, consequently until recent years little effort has been put forth toward the growth of this beautiful flower and therefore little has been known of the better varieties. An expression of one of our visitors last year very well emphasizes the truth of this question. After looking over the field he seemed to be bewildered and said, "There is not a Dahlia on the place, there are some most gorgeous flowers but I came to see Dahlias and do not find them." I suppose if he had gone a little further into the field of show and single varieties he might have seen what he called Dahlias, even among these there have been wonderful new creations of great interest.

While our vision of the possibility of this flower was great at the beginning of our interest in them compared to the general opinion of flower lovers in this section, we are frank to admit that our accomplishments have been far beyond our expectations and the end is not yet. Each year's successes bring their revelations of possibilities in the future both as to improvements of the quality of the flower and to the interest in it that may be awakened in the minds of the flower loving public. We were much gratified to see the thousands of people come out to visit our fields last fall, the many letters that we receive from our satisfied customers and the marked interest as shown by the public at the recent Dahlia Show at the Missouri Botanical Garden, October 4th to 5th. All these signs convince us that the public is becoming interested and awakened as to the possibility of the Dahlia in the Middle West.

The results of our own efforts at the last Dahlia Show were most gratifying in spite of the fact that it came at a time when so few of our flowers were in bloom. Our awards may be noted elsewhere in this book.

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### CAN DAHLIAS BE GROWN IN THE CROWDED CITY?

The impression generally has been that they cannot. Many of the prize winners in the amateur section of the Dahlia Show held at the Missouri Botanical Garden were grown in the back yards of people living in the crowded section of St. Louis. Many of our customers living in the crowded districts have excellent success.



ELEANOR AMONG THE FLOWERS

Mr. E. H. Johanning of 3828a Utah Place, St. Louis, Mo., is a very enthusiastic amateur grower of Dahlias and has won many of the prizes, including the two bronze medals, and one silver medal, given by the American Dahlia Society for the best general display of Dahlias in the Amateur Section, at the three annual Dahlia Shows held at the Missouri Botanical Garden.

The above picture, which we received through the courtesy of Mr. Johanning was taken in his back yard, where he grows all of his Dahlias. His lot is 35 ft. wide and the depth of an ordinary city lot and he is located in the heart of the residential district of St. Louis. His daughter, Eleanor Marie Johanning is holding a blossom of "U. S. A." which is 8 inches in diameter, and she is just as sweet as the flower is beautiful. The plant near her is Daddy Butler, six feet tall and Eleanor is 3 ft. 5 inches tall. This will give you some idea as to the growth of the plant.

What Mr. Johanning and others are doing with the Dahlia, you can do.

## How To Grow Good Dahlias

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**PREPARING OF THE SOIL.** Great attention should be given to this part of the work. If possible begin in the Fall. If your soil is heavy clay a liberal amount of coal ashes would be very beneficial if scattered broadcast. If you had enough to mix thoroughly with your soil to the depth of 12 or 15 inches you would not have too much.

Several years ago I planted a lot in Dahlias, one end of which had been a dumping place for cinders. The best flowers by far that I grew on this ground were in the cinders and we grew some good ones. Any roughage such as clipping from the lawn, leaves, weeds, or anything of the kind is excellent matter to turn under in the Fall. This has a tendency to loosen the soil as well as to enrich it. Spade your ground from 12 to 18 inches deep, leaving it in the rough for the Winter. If your ground is poor a good plan would be to spread a liberal covering of manure, preferably cow manure, on top before spading up the ground. In the Spring, as soon as the ground is sufficiently dry, stir it again by spading to the depth of the spade or fork. This done several times before planting time will be an effort well put forth.

**TIME TO PLANT.** Dahlias may be planted any time after danger of frost is past up to July 15th with fairly good results. We advocate and strongly advise not planting, especially in localities similar to ours, before June 1st. If you have been in the habit of planting early, try late planting and keep your plants growing and watch the results.

**LOCATION.** Dahlias prefer full sunlight and a high location. The higher the better. Special attention should be given to keep them away from large trees and not too close to heavy shrubbery. However this may be counteracted to a large degree by liberal watering and feeding.

Shading from a portion of the day's sun by buildings or fences may not be objectionable and in some cases may work a benefit, especially with some varieties. I am not so sure but what such a location is ideal, especially in preference to putting them on the south side of a brick wall where the sun may beat down upon them without any protection at all.

I do not like to see them crowded up with other plants where you do not have a chance to stir the ground. You had better sacrifice everything but the hoe.

**HOW TO PLANT.** When planting time comes, which should be from about June 1st to 15th (for further information see under heading "Time to Plant"), see that ground is thoroughly pulverized, then open the furrow or hill where bulb is to be placed to about the depth of 6 inches. A 4-inch pot of pulverized sheep or cow manure and a handful of bone meal mixed together and placed in the bottom and scattered around where bulb is to be placed, being careful that some soil is placed over the fertilizer that the bulb does not come in contact with it, will prove an excellent booster and give the plant a good start. Place the bulb flat with eye up, never stand on end, and cover with loose soil. If sand is handy cover with sand. If your ground is heavy clay perhaps 4 inches of covering would be better.

The distance apart to plant will depend upon the results you are working for. If you want high-class flowers plant from 3 to 4 feet apart each way, if ordinary flowers, plant from 2 to 2½ feet apart in the rows and rows 3½ feet apart, for massive effect plant about 1½ feet apart in the rows and the rows 3 or 3½ feet apart and if planted in a bed where you would ordinarily want the solid effect plant about 2 feet each way.

**CULTIVATION.** Thorough working of the soil is most important. You had better leave off all of the other preparations than to neglect cultivation. Many last year marveled at the condition of our fields and frequently asked what we put in the soil to keep weeds from growing. The hoe and plow were the only applications and they were thoroughly applied.

Just as soon as sprouts appear above the ground begin working the soil and keep this up until the plant begins to bloom.

In working the soil care should be taken to not disturb the root. We believe in deep cultivation away from the plant, especially in the early part of their growth, later as the plant begins to take on considerable growth special care should be taken to not get too close with deep cultivation.

If convenient, after plant begins to bloom, give a liberal mulch of straw or cuttings from the lawn, this will hold moisture and keep the ground in good condition.

**FEEDING THE PLANT.** To produce the best of flowers an additional stimulant may be applied by preparing a liquid from pulverized sheep or cow manure placed in a sack and put in a tub or barrel filled with water, a sufficient amount to color the water to about the consistency of strong tea. An application of this beginning with about a gallon and increasing gradually to about 3 gallons to a plant may be applied about once a week. Open the ground about 12 inches from plant all around it, apply the liquid in this trench and fill in again when soaked in. This liquid may also be made with fresh cow manure which is excellent. Take a 3-gallon bucket full to a barrel of water (50 gallon), thoroughly stir and apply at once, use about as directed for the sheep manure. The strength of this may be increased as the plant increases in growth.

All of this special care is necessary only when you are working for special quality of flowers. The main part of our fields receive nothing of this kind, just treated as you would potatoes, but thoroughly worked. The average party does not care to go to so much trouble.

I wish to emphasize that the Dahlia will produce more fine flowers than any other plant you could possibly grow with the least possible care. Work your ground good at the beginning, keep the ground well stirred through the growing season and you will get plenty flowers, the size will depend, as a rule, upon the variety planted.

**STAKING.** The tall growing varieties require staking, those that grow over 3½ feet, except where you want the massive effect in which case do not stake. It is always wise to stake the extremely tall growing varieties, those that usually grow from 5 to 7 feet high, although in our fields, for the main part, there were no stakes and those of you that were privileged to see them blooming well remember the sight, both as to quality of flower and size. Where staking is done it is well to do it at planting time, before the bulb is covered or place your bulb in such a position that you know how it is laying so that when it comes up you may place your stake without injury to the bulb.

We make a practice of placing all of our bulbs with eye to the east where rows run east and west and to the south where they run the other way.

The length of the stake of course will depend upon the height of the plant. This too depends to a large extent, on the treatment of the plant, both as to the system of growing and to the amount of feeding. The approximate height of the plant is given in figures just after the price, this is based on ordinary treatment. We have had plants to grow more than 8 feet where ordinarily they would only grow 5 to 6 feet.

**TREATMENT OF THE PLANT.** Under this heading much may be said if space would permit as many plants need treatment according to their habits, however, a few simple rules will apply to all.

When the plant first comes up and grows to several inches, perhaps has formed its second or third sets of leaves, if more than one sprout appears remove all but the strongest. Place the hand on the ground to hold it solid, gently pull the remaining sprouts away, if you have trouble pulling them out cut them just under the ground and form your bush from the one left.

If you desire to keep your plants from growing too tall or if you wish to encourage the massive habit of growth pinch out the center of the plant just above the second or third sets of leaves, this will encourage the plant to branch out. These branches or laterals will form your flowers.

If you are working for exhibition flowers let only one bud form on each branch or lateral, removing all the rest as they appear. If ordinary flowers are wanted and plenty of them let these laterals grow until they form their first buds. If this first bud is pinched out when it first appears this will encourage the other laterals or branches that spring from the first branches to produce a more rapid growth. This will give you an abundance of flowers with fairly good stems. The suckers or laterals that form on these second sets of branches may all be removed down to just above the first set of leaves where it joins the main branch from which it came, leaving one flower to the stem. These remaining suckers or branches should be left for later blooms. When the flower is fully open cut it off just above these remaining branches which should have made considerable growth by this time. This way your blooming season may be prolonged until frost.

If you desire earlier flowers and a taller bush do not pinch out the center of your young plant, but let the entire of it grow, I mean the one shoot from the ground, others having been removed as suggested above. When this shoot forms its first bud pinch it out, this will encourage the laterals to come forth and the work of disbudding should be followed out as suggested under the above method.

**TYING UP THE PLANT.** As soon as the plant has made about a foot of growth is a good time to start tying. Do not draw the stem too close to the stake, bear in mind that the stem will develop in size and if tied too tight would cause injury to the plant. Care should be taken to follow up the tying as the plant grows or injury from the wind may occur. A large plant, well tied, will stand a remarkable lot of wind without injury.

**WATERING.** This should not be attempted, as a rule, until the plant has made considerable growth except in extreme dry weather, in such case be careful. A little moisture will start your plant to growing, frequent hoeing had better be resorted to rather than watering in the early stages of growth. After the buds begin to form is the logical time to begin watering.

Do your watering thoroughly about once a week. Care should be taken to stir the ground thoroughly after each watering just as soon as the ground becomes sufficiently dry, never before, otherwise your soil will become caked and more injury will be done with the water than good. If you have no over head arrangement for watering, a good plan is to dig a trench around each plant or along the row where they may be close together sufficiently large to hold considerable water, especially so when the plants are large. Give them a good soaking and fill in the trench with soil after the water has soaked in. After extremely hot days your plants will be greatly refreshed if a sprinkling of the foliage is resorted to. A frequent wetting of the surface of the ground is not advisable.

We do no watering at all except on a few specimen plants and we get the flowers and plenty of them, but, we do cultivate and we do not want you to forget it.

**WHY DO I GET SUCH LARGE BUSHES AND NO FLOWERS?** This is a question frequently asked and a trouble that many are familiar with. Several things may produce this effect. Often you get buds that do not open, some open one sided and you often become discouraged as a result. In most cases the trouble comes from too early planting. Many times planting is done in April and early May, at that season we usually have plenty moisture and suitable growing weather. Your plant makes a rank growth, perhaps buds begin to form and hot, dry weather sets in and the plant stops growing. The wood becomes hardened, the buds blasted and no flowers.

Just remember that a Dahlia will not bloom on hard wood, in such cases a good plan would be to cut the plant back to the ground, keep your ground well worked and new growth will again start. From this growth form your plant over again. As a rule let only one of these new sprouts grow except where you want long stems and large flowers, in this case it might be well to let several grow and keep them clean of all other growth and buds.

You may have the same trouble from a lack of cultivation. Anything that has a tendency to check the growth will produce this trouble. Best and most flowers on a Dahlia bush are produced when you keep your plant steadily growing from the start and especially boost it along about the time buds begin to form.

## COLOR VARIATIONS

Please note that many things may cause the color of the flower to vary, such as hot, dry weather, compared to cool, moist weather; loose, pliable soil compared to heavy, sticky soil; and poor soil compared to rich soil. Often times these different conditions cause the color of the flower to vary considerably with one party compared to the same flower with another party and also one year compared with another with the same parties.

## HARVESTING AND STORING THE BULBS

When the frost has killed the plant, it should be cut down, then at leisure, before the ground freezes, the bulbs should be dug; care taken to not break the bulbs from the clump. A bulb broken off of the stock is of no use. After they have dried off for an hour or two the soil should be removed and the clump packed in a box, barrel, or bin, covered with shavings, sand, or dry soil. If there is heat in the basement or where the bulbs are kept, care should be taken to cover them well with soil or sand to prevent their drying out.

A good plan is to take a box or barrel, place soil in the bottom, carefully lay clumps upside down to within a few inches of the top and fill in with dry dirt or sand, letting same fill in around the roots.

## DIVIDING THE CLUMP

Do not plant as dug.

In the Spring when planting time comes divide to one or two roots to a plant, being sure to have at least one eye to each plant.

One sound root with an eye is sufficient, remember the eye does not come down on the root but where it joins the old stock.

Frequently before planting time the eyes develop into sprouts of considerable length, these should be removed with a sharp knife to within about  $\frac{1}{4}$  inch of the bulb. Sometimes we find it necessary to do this a time or two before we plant. This can be done without any injury whatever to the bulb and is better than planting with long sprouts.

## NOTICE

A word regarding the varieties of Dahlias that we list.

In submitting for your consideration these varieties:

We do not claim to have all of the best to be had but we do feel that we have a fairly good collection of varieties to select from. There are many of the old varieties that are especially worthy of first place in many catalogues that pass them over with perhaps a mere mentioning of them and give the prominence they deserve to newer varieties of less merit.

You will note that in our catalogue we have given prominence to some of the old varieties. We have done so because we have grown them for several years and have found them very satisfactory. Have tried out many new varieties designed to take their place but with us they have not stood the test and the old variety remains at the head when it comes to quality of flowers, profuseness of blooming and ability to stand the hardships of an unfavorable season.

Many of these forgotten varieties have produced marvelously in unfavorable seasons when many others that are supposed to be better have proved total failures.

After all we are looking for the varieties that will not fail us in seasons that are not ordinarily encouraging for the Dahlia. In most cases we have a large stock of these varieties and are able to furnish them in large quantities. We have many varieties in small numbers that we have not listed and are in touch with all of the Dahlia specialists all over the country so can likely procure for you anything to be had that you may desire that we do not list. In such case give us ample time to get in touch with the other party.

A further word of explanation regarding the varieties we offer and their descriptions. Many of the descriptions are those given by the introducers. With the exception of a few new varieties all have been tried out on our farm and proved to have merits in this locality.

## BULBS NOT FORCED

Our Dahlias are grown on high ground in clay soil and are not forced, but grown naturally and therefore are in better condition to give you the best results possible. Neither do we practice forcing our bulbs for propagating purposes which is a detriment to them. The only method of propagation that we practice is by division of the clump, except in a few cases where we propagate by using the young sprouts that are necessary to be removed before planting.

The many commendable reports that we receive from our customers from all over the country indicate that our bulbs have given them perfect satisfaction and we are sure they will prove the same to you.

## TIME OF SHIPMENT

Our regular shipping time begins May 1st as our aim is to get the bulbs to you about planting time, however, we will ship as near as possible on the date you suggest.

## SHIPMENTS PREPAID

We prepay all shipping charges, excepting where noted, on orders taken at catalogue prices where the order amounts to \$1.00 or more. Where the order amounts to less than \$1.00, 10c extra should be sent to cover postage and packing.

## PACKING

We make no charges for packing where the order amounts to \$1.00 or more. See under the head of Shipments prepaid.

All orders are securely packed and should reach you in perfect condition.

## FILLING ORDERS

All orders are filled under our personal supervision and the utmost care is taken to see that this is done accurately, but mistakes do happen with the best of us. If such should occur notify us promptly and we will gladly correct the error.

## SUBSTITUTION

Our purpose is to send you what you want. Give us a chance by telling us in place of the other fellow, if an error should occur.

It is always well in ordering to name a second choice in case we are out of what you want.

We do not aim to substitute without your consent.

With your consent we will always give as good or better than the variety named.

## MAY WE NOT MAKE YOUR SELECTIONS FOR YOU?

To those who are not acquainted with the different varieties: If they will tell us about what colors they prefer, how many they want, and how much they want to spend, we will do our best to satisfy them. As a rule, customers are more frequently better satisfied this way than to make their own selection.

## OUR GUARANTEE

We guarantee every bulb, root or plant sent out to be true to name and color, and also to be in growing condition when received, after which our responsibility ceases. Please notify at once if anything is unsatisfactory, when received, or any bulb or tuber does not start to grow after planted a reasonable time.

## A SPECIAL INVITATION

Our place is open to visitors at any time of the year and they are always welcome. We are glad to welcome them and give any information that we can that may be of interest.

During the blooming season great crowds of people visit our fields and enjoy the wonderful display of flowers. If you have never visited a large field of blooming Dahlias you have missed a great treat. Many come just to enjoy looking at the flowers and they enjoy it, so will you. It was estimated in 1924 that on one day 15,000 people visited our fields. We had no way of finding out just how many there were but there was a great crowd.

## REFERENCES

First National Bank of Wellston, Wellston, Mo.

## DISCOUNTS

Where 12 of one variety are taken they may be figured at the price of 10. Prices on application on larger quantities.

## NOTICE!

Please note that the figures at the right-hand side of the page indicate the approximate height of the plant.

## FINAL INSTRUCTIONS

**FIRST OR ALL.** Do not delay in making out your order and getting it to us as early as possible. Many varieties will be exhausted early in the season. A delay may mean a disappointment.

**USE THE ORDER BLANK.** Be sure to fill in all the blanks, giving full name and address plainly. So frequently we get orders that are indeed a puzzle, most impossible to make out the name, some with no address at all. Save time by being careful.

**REMITTANCE.** Remittance should accompany the order. Where bulbs are to be sent C. O. D., one-fourth the amount should accompany the order.

You may remit any way convenient to yourself. Make checks payable to Missouri Dahlia Farms Co., Inc. If your order amounts to less than \$1.00 you may send stamps, one or two cent denominations.

**HOW TO TREAT BULBS ON RECEIVING THEM.** When you receive the bulbs, if you are not ready to plant, open up the package, place them in a box, covering them with soil or sand to keep them from drying out. Do not keep too moist, neither do they want to shrivel. Keep them away from furnace heat and from sun.

The better way is to have your bulbs sent about the time for planting.

We begin shipping May 1st unless otherwise instructed. Will ship as you direct.

**SIZE OF THE BULBS.** Many varieties never make large bulbs, therefore some bulbs may be small. However, this makes no difference as a small bulb with a good eye is just as good as a large one.

We always send out the best bulbs possible.



## SPECIAL DAHLIA OFFERS

### SPECIAL OFFER No. 1

1 Mina Burgle .....	\$ .50
1 Springfield .....	.50
1 Perle de Lyon.....	.40
1 Autumn Perfection .....	.75
Catalogue Price.....	\$2.15
Special Price Prepaid.....	\$1.50

### SPECIAL OFFER No. 2

1 Jack Rose .....	\$ .35
1 Queen Victoria .....	.25
1 Perle de Lyon.....	.40
1 A. D. Livoni.....	.35
1 Floral Park Jewel.....	.35
1 California Peony .....	.75
Catalogue Price.....	\$2.45
Special Price Prepaid.....	\$1.50

## MIXED DAHLIAS

### SPECIAL OFFER No. 3

We have a large quantity of these on hand and will give you the advantage of our surplus. **\$1.00 per Doz., \$6.00 per 100.**

Many flattering reports came in from our mixtures last year.

### SPECIAL OFFER No. 4

Also have them assorted as to color as follows: Red, Pink, White and Yellow. **\$1.00 per Doz., \$6.00 per 100.**

### SPECIAL OFFER No. 5

We have a large collection of Single and Duplex Dahlias in general mixture of a wide range of coloring. **\$1.00 per Doz., \$6.00 per 100.**

If interested in larger quantities of any of these write us.

If you have extra space and want some cheap flowers this is an opportunity to get them at a sacrifice price.

No order for less than \$1.00 accepted for these, except in addition to other orders, in such case  $\frac{1}{2}$  dozen may be selected. Your order may be made up of a variety of these offerings, for instance 3 of each, or as many as you wish to select.

## CACTUS DAHLIAS

The Cactus Dahlia will always be a favorite class with many people because of its unique formation of petals, which makes it look like a chrysanthemum. The petals are long, narrow, pointed, twisted, or fluted. The hybrid cactus is becoming popular; it is a large bold flower, of broader petalage than the regular cactus type.

**BRIDES' BOUQUET.** A pure white of excellent form, sometimes comes with open center. A profuse bloomer. Price 50c—3 ft.



COUNTESS OF LONSDALE

**COUNTESS OF LONSDALE.** This is one of the old varieties with merits lacking in many of the newer varieties that have been crowded to the front. There are few varieties that will produce as many perfect, large flowers as Lonsdale; it will blossom under conditions that cause many other varieties to become total failures; good stem, low compact grower, good foliage, an excellent keeper; these qualities combined with its attractive coloring make it a most profitable variety for florists' use. An excellent garden variety. Color, an exquisite shade of rich salmon with faint tinge of apricot at the base of petals. Price 50c—2 to 3 ft.

**CACTUS DAHLIAS—Continued**

**CALIFORNIA ENCHANTRESS**, Hybrid Cactus. A California creation. Flowers of very delicate blush; buds open a creamy white, changing to a soft rosy tint as the flowers develop. Flowers produced on long stiff stems in abundance, making it a good cut-flower variety. It does well in warm climates. Price \$1.00—4 ft.

**CARR'S PINK**. A beautifully formed flower; perfect cactus type; free flowering; medium size. Excellent for cutting on account of its beautiful coloring and excellent keeping qualities. Price \$1.00—4 to 5 ft.

**CIGARETT, HYBRID CACTUS**. This distinct and novel Dahlia has attracted wide attention. In color it is creamy white, heavily edged with pomegranate red, but it varies greatly, no two flowers being exactly alike. The petals are long and inclined to roll, forming a large, deep, well-shaped flower of great substance on very long stems of best quality. Price \$1.50—4 to 5 ft.

**CORONA LEO, HYBRID CACTUS**. This is one of the most perfectly formed flowers grown. Color, a rich flame. Large size; stem is most desirable, holding the flower perfectly erect. An excellent cut flower variety; holds its own on the exhibition table and is most attractive in the garden. Price \$1.00—4 to 5 ft.

**DADDY BUTLER, HYBRID CACTUS**. An immense flower of truest form for exhibition, and a good cut-flower. A most unusual blending of colors, American Beauty shades or rosy carmine, and the reverse of the beautifully twisted and rolled petals of a lighter tint, giving a variation of color. The stem is perfect, and the bush is always covered with large, perfect blooms, which last for days when cut. Price \$2.00—3 to 3½ ft.

**ETENDARD DE LYON, HYBRID CACTUS**. Everyone admires this beautiful rich royal purple. The flowers are distinct in shape from all others, with broad, curling, wavy petals which form a flower 6 inches in diameter and 4 inches deep, a large flower, yet without any stiffness or formality; sometimes comes with open center. Price 75c—4 ft.

**FIELD MARSHALL**. A very large Hybrid Cactus. A most beautiful coloring of deep lemon yellow. Frequently comes with open center. Price 75c—4 ft.

**FLORADORA**. Pure garnet, beautiful form, profuse bloomer. Price 25c—3 ft.

**F. W. FELLOWS**. One of the very best Cactus varieties ever raised, with flowers of unusual size for the long narrow petaled type of which this is one of the finest representatives. In color it is a deep flame with deeper suffusion at the center; no collection of Dahlias is complete without it. Price 75c—4 ft.

**GEORGE WALTERS, HYBRID CACTUS**. This variety took first prize as the best Hybrid Cactus exhibited in the commercial section at the Missouri Botanical Garden, 1923, and has won many medals elsewhere. George Walters created a sensation in our fields last year. Flowers of 10 inches in diameter are quite common and freely produced on long, erect stems. Color is a beautiful pinkish salmon shading to a yellow base. The plant is a most satisfactory one for the garden and for cutting. Price 75c—5 to 6 ft.

**GLADYS BATES**—The large blossoms of this American Cactus variety are of incurved petals of tan with a reverse of rose. Attractive on account of its odd coloring. Very good. Price \$1.00—3 to 4 ft.

**GLADYS SHERWOOD, HYBRID CACTUS**. A wonderful white. This has been grown over 10 inches in diameter composed of long curling petals of glistening white forming a flower of unusual depth, these giant flowers are held erect on strong stems and produced in wonderful profusion. Price 75c—4 to 5 ft.

**GOLDLAND**. Deep golden yellow. A splendid flower on good stiff stems. Fine for cutting; early and free. Price 50c—3 ft.

**JEAN CHAZOT OR GAY PARÉE, HYBRID CACTUS**. This variety of French introduction, is one of the best all around Dahlias. Color is golden bronze with a faint suffusion of nasturtium red. Free bloomer and unsurpassed as a cut flower. Long, stiff, wiry stem. This variety in bloom on our place was admired by many. Price \$1.00—4 to 5 ft.

**CACTUS DAHLIAS—Continued**

**J. W. LEE.** This magnificent Dahlia holds its large graceful blooms erect on good strong stems. Color is a blending of scarlet on pale orange yellow, giving the flower the beautiful sunset shades.

Price \$1.50—4 to 5 ft.

**KALIF, HYBRID CACTUS.** Its brilliant pure scarlet color and strong stout stems make it one of the most useful Dahlias both for cutting and exhibition.

Price 75c—4 ft.

**LIBELLE.** A pure royal purple in coloring. Exceptionally free flowering. A low, compact grower. Medium size flower.

Price 35c—2 ft.

**MacGREGOR, HYBRID CACTUS.** A seedling of George Walters, of which it is an exact duplicate in size and shape. The flowers are large and full, color Spectrum-red; an unusual color in Dahlias. The base of the petals is lemon-yellow. It is unsurpassed for garden decoration and keeps exceptionally well when cut. It is one of the first to flower and continues in good condition to the end of the season; one of the best all around reds in cultivation.

Price \$2.00—4 ft.

**MARIPOSA, HYBRID CACTUS.** A recent introduction which has quickly become very popular. The color is a clear shade of lavender pink intensified by the full and darker center. The flowers are large and of rather loose type made up of long ribbon-like petals which twist and curl in a most attractive manner. The stems are exceptionally long and perfect in every way.

Price \$2.50—4 ft.

**MRS. EDNA SPENCER, AMERICAN CACTUS.** A novelty of delicate shade of lavender or orchid pink. In much demand as it is a lasting cut flower of unusual color and very effective under artificial light. It is also a prize winner in American Cactus competition. The stems are long and stiff.

Price 75c—4 ft.

**MRS. W. E. ESTES, HYBRID CACTUS.** This still ranks among the best of the pure snow white Dahlias, although new white varieties are continually being brought out and widely heralded as being superior to all others, only to be forgotten in two or three seasons. The large fluffy blooms are borne aloft on strong and erect stems, making most excellent cut flowers. This variety can be grown anywhere, even in the hottest climate, as it does not burn in the sun.

Price \$1.00—4 ft.

**PAPILLON, HYBRID CACTUS.** One of the big fellows which has been grown successfully everywhere and has been in many prize winning collections. Stems, of course, are strong and long, and carry the flower well. A beautiful shade of old rose with golden lights. An incessant bloomer. No flower that has ever grown on our place attracted more attention than Papillon did last year.

Price \$2.50—5 to 6 ft.

CACTUS DAHLIAS—Continued



PERLE De LYON  
(Cactus)

**PERLE De LYON.** A pure white Hybrid Cactus of special merit; large free flowering; good stem. Petals cleft at the tips; one of the most satisfactory for florists' use on account of the waxy whiteness and long-keeping quality. Price 40c—4 to 5 ft.

**PIERROT.** Immense size with very long incurved petals; deep amber, distinctly tipped white, sometimes solid amber. A magnificent exhibition and garden variety. It is a very strong, vigorous grower, producing the gigantic flowers profusely on very long slender, graceful stems. Price 50c—4 ft.

## CACTUS DAHLIAS—Concluded



## SPRINGFIELD

**SPRINGFIELD.** See cut of plant above. This variety took first prize at the 1924 Dahlia Show, held at the Missouri Botanical Garden, as the best cactus in the commercial section. A new dahlia of special merit. Identical with Countess of Lonsdale, except in two essentials, a larger flower and much darker in color. Instead of being a salmon pink as in Lonsdale, "Springfield" is a rich amaranthean-red. It must be seen to be appreciated, most excellent for cutting or garden work. Very free and persistent bloomer.

Price 50c—2 to 3 ft.

**U. S. A.** Hybrid Cactus. Probably no other Dahlia has met with such favor as this, which is entirely distinct in color from all others, a pure deep orange, sparkling and glistening, an unusual color in Dahlias. These flowers are of large size of good formation, on excellent stems, held so as to display their full beauty and not least of all, it is remarkably free-flowering, being early and continuing in good condition to the end of the season. U. S. A. is a splendid Dahlia for all purposes. With us it was the admiration of all that visited our farm last year. Price \$1.50—5 ft.

## DECORATIVE DAHLIAS

This class is intermediate between the cactus and the show dahlia. Flowers, as a rule, are large, full to the center, with broad, flat, incurved or reflexed petals, giving an irregular formation devoid of stiffness and formality. For the most part, they are all strong, vigorous growers, early and free bloomers.

**AMITYVILLE.** A medium-size flower, very rank grower, profuse bloomer. An ideal stem, wiry and holding the flower erect. The color is most beautiful, a delicate shade of silvery pink with a very faint touch of pale yellow on the point of each petal. This flower attracted much attention in our field and at the show. Stands at the head as a cut flower. Price 75c—3½ ft.

**AMUN RA.** A Decorative of great size in the richest shade of copper-bronze. The stems are long and stiff and the flowers keep splendidly. Price \$1.00—4 ft.

**AUTUMN BEAUTY.** A beautiful shade of chocolate brown, medium size, very free blooming, good stem, a splendid flower for the price. Price 25c—3 ft.

**AZALEA** A big bloom formed by many rows of long, narrow petals, giving it an unusually attractive, as well as unique, shape. The color is soft, creamy yellow, and the outer rows of petals are tinged with pink. Sturdy grower and prolific in flowering. We received second prize on this variety at the show for the best Decorative in the commercial section in 1924 and held its own in 1926 show. We predict a good future for this variety in this section. Price \$1.00—4 ft.

**BASHFUL GIANT.** A gigantic bloom, where size is one of the requisites for exhibition. It is all that could be desired. It is also of great merit for its beautiful color—being apricot with golden shadings. Flowers are produced on stout stems, but it is a better garden or exhibition variety than a cut flower. This is an eastern prize-winning dahlia. Price \$1.50—4 ft.

**BEAUTY OF ROSEMONT.** A very large flower, rank grower, good stem. Color, deep salmon pink, buff base. Very free flowering, a very desirable variety. Price 75c—4 ft.

**CARMENCITA.** The most graceful and beautiful of the fancy decoratives. The yellow blossom is regularly striped red. The plant is a dwarf grower but forms a fine compact bush which is a mass of flowers all season. The formation of the enormous flower is uncommon and graceful. The stems are all to be desired. Price \$1.00—2 ft.

**CRIMSON BEAUTY.** A medium size flower. Color is deep crimson. Wonderful bloomer, good flower of the medium class. Price 20c—3 ft.

**C. W. BRUTON.** Deep Yellow, good size flower, free bloomer. Price 25c—4 ft.

**DARLENE.** This variety possesses qualities that we have not found in any other Dahlia and we have grown several hundred varieties. It will produce perfectly formed flowers through the hot, dry season. It will begin blooming earlier than any other variety that we have known of and continues to give good flowers until cut down by frost. "Darlene" is a good keeper when cut and a most desirable color, making it one of the most useful to grow for florists' work and a most delightful plant for the home garden. You can depend upon getting abundance of flowers off of this variety. Habit of growth is desirable, good stem. In color it is an exquisite shade of live shell pink with a dainty blending of white at center. Its delicate coloring makes it a useful flower. Medium to large size. Price 50c—3 to 4 ft.

**DELICE.** One of the old varieties but still holds its own among the best. There have been many advertised as better than "Delice," but we have failed to find them so. The color is an exquisite shade of deep rose pink and retains its color under all conditions. Stem is good, habit of growth excellent, free flowering. One of the most sought after on the cut flower market. Price 35c—4 to 5 ft.

**DOAZON.** Large. Very profuse bloomer, making the most gorgeous display for yard work. The color is a deep rich shade of orange-red. A massive display of coloring that will please you. Price 50c—5 to 6 ft.

## DECORATIVE DAHLIAS—Continued

**DR. TEVIS.** A California creation that has a long record as a prize winner, and continues to hold that record. One of the largest and most beautiful Decorative Dahlias measuring from 8 to 11 inches in diameter. The coloring is a beautiful shade of salmon rose suffused with old gold shading to a golden apricot. An unusual blending of colors. The flowers are most attractive, grown on long stems, well above the foliage, making it one of the most desirable. A truly wonderful flower for any purpose.

Price 75c—5 to 6 ft.

**ELLINOR VANDERVEER.** An incomparable Dahlia of exquisite beauty and great size, having every desirable quality. The large blossoms are of a glowing, satiny, rose-pink. The flowers are of great depth and substance, and are held above a tall sturdy bush on exceptionally long, stiff stems. Early bloomer. Highly recommended in the East as well as the west and we have great confidence in it for the Middle-west.

Price \$5.00—5 to 7 ft.

**FRANK A. WALKER.** Charming shade of deep lavender pink. Very early and free flowering. A desirable flower for cutting and yard work. Medium size.

Price 50c—3 to 4 ft.

**FRATERNITY.** A medium size flower, rank grower, very free bloomer, good stem, carries itself perfectly, a beautiful shade of buff. Attracted much attention. Excellent for cutting.

Price 75c—4 ft.

**GECRGE WALTERS DECORATIVE.** This variety was sold to us for George Walters. It is a very free flowering variety producing wonderfully large flowers very freely from early in the season until cut down by frost. A most excellent variety for yard work. Color, a blending of orange, salmon and bronze. This attracted a great deal of attention in our fields.

Price 50c—3 ft.

**HORTULANUS WITTE.** Remarkable Holland Decorative Dahlia. A waxy, almost, glistening pure white; a beauty in every sense of the word.

Price 50c—4 ft.

**INSULINDE.** Colossal flowers of a rich golden orange color. Form of flower everything that could be desired. Fine for cutting and exhibition, as it can be grown immense. One of the very finest Dahlias ever produced.

Price \$1.00—4 ft.

**JACK ROSE.** Brilliant shade of crimson red, the same shade of color as the favorite rose of the same name, free flowering, good habit, especially good for yard work, good for cutting. Medium size.

Price 35c—3 ft.

**JERSEY'S BEACON.** A decided novelty of Chinese scarlet with a paler reverse, giving a two-toned effect. An exhibition flower of vigorous growth, excellent stem. Awarded silver medal for best new seedling at exhibition of New York Horticultural Society in 1924. With us it played a very prominent part in our winning exhibit. Many will remember seeing this wonderful variety in bloom in our field just north of the house. There is no variety that was ever grown on our place that has attracted as great attention as Jersey's Beacon. Last year this variety was \$10.00, we are glad to be able to offer it this year at

Price \$5.00—4 to 5 ft.

**JERSEY'S BEAUTY.** Probably the most talked of Dahlia that has ever been produced. A perfect bloom of Erosine pink, carried high above the foliage on a long wiry stem. A wonderful keeper when cut, therefore good as an exhibition variety or for cut flower purposes. Awarded too many prizes and medals to enumerate. It is truly the beauty of the Dahlia world. Jersey's Beauty has proved itself equally as well in the middle west as in other sections of the country.

Price \$2.50—6 ft.

**JERSEY'S IDEAL.** This variety introduced by one of the prominent Eastern growers last year has made a host of friends. The flowers are very large and of great depth, best described as a lavender-pink in color. It is a vigorous grower, with large, leathery leaves, almost insect proof. The large flowers are produced very freely. Has all the characteristics that have made all the Jersey varieties famous.

Price \$10.00—5 to 6 ft.

**JERSEY'S KING.** Very large perfect flowers of a brilliant oriental-red with carmine suffusion; long, stiff stems. Early and free flowering.

Price \$2.00—5 to 6 ft.

**JERSEY'S MONARCH.** Very large deep flowers, on good stems, color a deep salmon, with yellow at the base of the petals.

Price \$5.00—5 to 6 ft.

## DECORATIVE DAHLIAS—Continued

**JERSEY'S SOUVERIGN.** A flower that is hard to describe, of large size with very dark vigorous foliage and long stiff stems, of a beautiful salmon-orange that blends so well with autumn foliage, profuse bloomer. Visitors to our field readily recognized this as one of the high-class flowers. Price \$2.50—5 to 6 ft.

**JUDGE ALTON B. PARKER.** A wonderful exhibition variety, very large flowers on long stiff stems. Color golden buff. One of the high-class varieties that is certain to please the most critical. Price \$1.50—5 to 6 ft.

**JUDGE MAREAN.** In this large dahlia there is a riot of blending color, ever changing as the flower ages. There is a glowing salmon pink, iridescent orange, yellow and pure gold, and the shades all blend most beautifully. The large fine flower stands on a long, straight, strong stem facing the garden boldly. Price \$1.00—4 ft.

**J. W. DAVIES.** A wonderful free flowering variety beginning early in the season and producing good perfect flowers to the end. The flowers are of giant size, of good depth, and of fine form. The flowers are borne on good, long stems and are of a bright deep tyrian rose color with a gradual shading lighter to the edges. Price \$2.50—3 to 4 ft.

**KITTY DUNLAP.** If this has any weak points they are not noticeable. It flowers early and continues perfect throughout the season, its blooms are of the largest size, all that can be wished for in shape and are carried on long stiff, practically leafless, stems; in color it is a much admired beautiful shade of carmine-rose with a brilliant suffusion. Price \$1.50—4 to 5 ft.

**LYNDHURST.** A brilliant cardinal red. Medium size, beautiful form, good stem, rank grower. A good all around Dahlia. Price 35c—4 to 5 ft.

**MARCELLA.** A clear, soft pink variety that is delightful as a cut flower, with long stems holding the flower rigidly erect. The form is a perfect decorative and will become a great favorite with florists. An abundant bloomer and flower, lasts well when cut. Price \$1.50—5 ft.

**MARGARET MASSON.** A 1924 introduction that is getting more popular each year, invariably a winner in any class calling for large decoratives. It has many prizes to its credit. Color a beautiful silvery rose-pink, flower of great depth and size. It has wonderful substance and keeping qualities making it ideal for all purposes. A free and continuous bloomer. Price \$4.00—5 to 6 ft.

**MARGARET WOODROW WILSON.** This variety is a sensational dahlia because of its immense size, odd coloring, and freedom of flowering. If you are after size it will not disappoint you. We believe that this variety will prove itself a worthy one from any standpoint. Color is opalescent-pink, face of petals creamy white, reverse Phlox-pink, the reflection from reverse of petals gives the whole flower an opalescent effect. Petals are broad and well placed, terminating in points making a thick flower. Strong, upright stems, dark green foliage, medium height. Has many awards to its credit. Price \$7.50—3 to 4 ft.

**MARY QUEEN OF SCOTS.** A delicate shade of pink, beautiful form, worthy flower. Price \$1.00—4 to 5 ft.

**MINA BURGLE.** Everything taken into consideration there are few red dahlias that surpass Mina Burgle. Apparently its only fault is its inclination to throw flowers with open centers and this is not objectionable with many people as the large, brilliant red flowers, with prominent yellow stamens showing, are most attractive. Our stock last year only developed 2 plants with open centers so we believe we have as fine a strain of this variety as any one on the market. A rank grower; extremely free flowering under the most adverse weather conditions; long wiry stem holding the flower perfectly erect; good keeper making it good for all purposes. You will find this a most worthy variety. Price 50c—5 to 6 ft.

**MISS LOUISE FINGER.** A most beautiful white compact flower of medium size, good grower and free flowering. Price 75c—4 to 5 ft.

**MR. C. H. DRESSELHUIS.** For many years the variety Delice has been a favorite cut flower, and while beautiful it is not as free-flowering as many would like. In this new variety we have a similar color, a soft rose-pink white suffusion towards the tips, and what is most important, one of the most prolific bloomers; of medium size just right for cutting and are splendidly supported on very long stiff stems. We predict great popularity for this variety as it is undoubtedly the best pink for cutting yet produced. Price 75c—4 to 5 ft.

## DECORATIVE DAHLIAS—Continued

**MRS. CARL SALBACH.** One of the 1920 introductions which won prizes wherever exhibited. A large flower of lavender pink with lighter tints toward the base of the petals, supported on long, strong stems. Very free flowering, and fine for exhibition or cut flowers. Price 75c—6 ft.

**MRS. ETHEL F. T. SMITH.** Creamy white, shading to a lemon tint in the center. The flowers are huge and the bushes are always covered with them. The stems are extra strong and fine. Price 75c—4 to 5 ft.

**MRS. I. DE VER WARNER.** One of the best known of the Marean introductions and it is truly a remarkable dahlia. The flowers grow to an immense size without any great amount of disbudding, are of a perfect regular type and in the most glowing shade of mauve pink. The plants are tall, vigorous growers, and start giving flowers early in the season and continue to produce quantities of them until the end. This variety has been a success wherever grown. Price \$1.00—5 to 6 ft.

**MRS. J. G. CASSATT.** Deep rose-pink, free flowering, rank grower, medium to large size, a most excellent garden variety, fine for cutting. Price 50c—4 to 5 ft.

**MRS. JOHN T. SCHEEPERS.** Very large flowers which upon opening are of a clear golden primrose gradually changing to a beautiful delicate shade of pink suffusion on the outer petals. A strong grower, and abundant bloomer. Price \$1.50—4 to 5 ft.



**ORANGE KING—Decorative**

This plant was more than 7 ft. high

**ORANGE KING.** (See cut.) This is a most worthy variety. Wonderfully free flowering, medium to large size on extremely long, wiry stems, rank grower. Color, orange with deeper shadings in center of flower. Flowers held perfectly erect. Always demands the highest price on the cut flower market. Its only fault is its inclination to stunt in the plant growth, in spite of this fault it is well worth growing. Price 75c—5 to 6 ft.

**DECORATIVE DAHLIAS—Concluded**

**OSAM SHUDOW.** The most pronounced feature of this Dahlia is its formation. The large heavy loose petals produce a flower more like a gigantic Rose than a Dahlia, in color it is a delightful old-rose, slightly suffused with lilac and shading to yellow at the center, of very large size on stout, stiff stems held well above the foliage.

Price \$2.00—5 to 6 ft.

**PAUL MICHAEL.** Perhaps one of the largest flowers grown. With us, without any special care, it grew to 9½ inches in diameter. A low growing variety producing its gigantic flowers abundantly. This will delight you. The color, a pure gold.

Price \$1.00—3 to 4 ft.

**PINK JACK ROSE.** Identical with the well known variety, Jack Rose, excepting in color, which is clear pink.

Price 35c—3 ft.

**PRIDE OF CALIFORNIA.** A brilliant glowing cardinal-red of very large size held on extra good stems, very free flowering and a good keeper when cut. If you are looking for size you can get it with this variety.

Price 75c—6 ft.

**PROFESSOR REINKE.** A very dark red, medium size flower, bush strong grower, foliage extremely dark and leathery. A most attractive garden variety.

Price 50c—3 to 4 ft.

**QUEEN MARY.** A beautiful shade of soft pearl pink. Medium size.

Price 50c—3 to 4 ft.

**ROOKWOOD.** An entirely new shade of bright rosy cerise, without the slightest tinge of magenta, greatly resembling the color of the Mrs. Charles Russell rose, and is exceptionally beautiful under artificial light. The immense flowers are of true decorative type with full centers, a good depth and held aloft on splendid straight stems. The bushes grow low and spreading and are always a mass of blooms.

Price \$3.00—3 to 4 ft.

**ROSA NELL.** Clear, bright rose color, flowers very large, fine for exhibition and cut flower, good keeper, one of the best shaped decorative dahlias in existence. A rare color and attracts immediate attention wherever seen.

Price \$1.00—3 to 4 ft.

**SAGAMORE.** An exceptionally fine exhibition or cut flower of a golden color, shaded toward the center with a warm salmon-rose or orange buff. Stems straight and stiff and wonderful keeping qualities when cut make this flower most desirable.

Price \$3.50—5 to 6 ft.

**SCOTTISH CHIEF.** The color is amber, sometimes tipped white, very attractive in the garden.

Price 50c—4 ft.

**SYLVIA.** Soft, pleasing mauve pink changing to white in the center, fine cut flower, good garden variety. Medium size.

Price 25c—3 to 4 ft.

**THE GRIZZLY.** This great shaggy dahlia of immense size, and of dark maroon red, has been a wonderful prize winner. Long strong stems and a tall bush.

Price \$1.00—4 to 5 ft.

**TOMMY ATKINS.** This bright novelty is one of the best of the newer introductions. A startling color, flaming scarlet, so full of metallic lustre that it fairly glistens in the sunshine. The large deep blossoms are held high above the bush on long stiff stems. An early bloomer.

Price \$2.00—4 to 5 ft.

**WHITE JACK ROSE.** Identical with Jack Rose excepting in color which is a pure white.

Price 35c—3 ft.

**WIZARD OF OZ.** One of the largest Dahlias grown. With us we had no other variety that produced as many flowers as large at one time on one bush. We predict for this Dahlia a great future. The color is a glowing amber-pink, soft in tone.

Price \$2.50—4 to 5 ft.

## PEONY-FLOWERED DAHLIAS

This class had its origin in Holland and was named on account of its resemblance to the Japanese Paeony. Flowers large, on long stems, and have conspicuous open centers around which the large, broad, gracefully curled and twisted petals are rather loosely and irregularly arranged. They are devoid of stiffness and formality, and are sometimes referred to as the "Art Dahlias."

**AUTUMN PERFECTION.** I know of no Dahlia that will produce as many large flowers as this variety. Very early and continuous until cut down by the frost. Often full to center, a beautiful shade of orange and copper. Price 75c—3 to 4 ft.

**BERTHA VON SUTNER.** A very popular Holland Dahlia. Color, salmon, shaded to apricot. Very large flower and long, wiry stem; blossoms very freely. Often with only 2 rows of petals. Price 35c—3 to 4 ft.

**CALIFORNIA PEONY.** A very fine bloomer, large, borne on good stem, similar to Orange King in color; free flowering. Price 75c—5 ft.

**FRAGRANT PEONY.** Very free flowering; color, terre cotta; especially fine for yard work; good cutting. Often with only 2 rows of petals. Price 25c—3 to 4 ft.

**JOHN WANAMAKER.** This is a most handsome variety for yard work. I know of no other variety that is more attractive for this purpose. Flowers are large and full to the center; resembles a Decorative in this respect. The flowers are loosely built of curled and twisted petals. The color is a beautiful shade of soft rose pink with violet tint. Price 50c—3 to 4 ft.

**ORANGE PEONY.** Very large flower. Deep orange with deeper shadings. Rank grower, free bloomer. Price 50c—4 ft.

**SOUV. DE MILWAUKEE.** This is one of the first to blossom. I know of no other Dahlia that will produce more flowers during a season. Large blossoms; long, wiry stem; yellow center, shaded to deep purple with lighter tips. A most gorgeous plant for the yard and excellent for cutting purposes. You will admire this. Often with only 2 rows of petals. Price 35c—3 to 4 ft.

**WHITE CAP.** Pure white with broad, flat petals of glittering appearance. This Dahlia is large and possesses qualities of great merit for house decorations, in bunches or vases. Price 50c—4 ft.

## DOUBLE SHOW OR BALL DAHLIAS

This class is a branch of the ball type. The flowers are round, symmetrical and perfectly formed, the petals being regular, cupped or quilled and usually full to the center. They are early, free and continuous bloomers, as a rule. The dahlias of our Grandmother's gardens.

**A. D. LIVONI.** One of the old varieties, but still a favorite on account of its beautiful color and perfect form and freedom of flowering. Color, clear cerise-pink, quilled petals, medium size. Price 35c—4 ft.

**ACQUISITION.** A deep, rich, royal-purple, with quilled form, of long stiff stems. A splendid exhibition flower, plants strong and vigorous, needing very little thinning. Price 50c—5 ft.

**AMERICAN BEAUTY.** One of the most perfect decorative dahlias. Flowers of gigantic size, produced on long, heavy stems, well above the foliage. The color is that of the well known American Beauty Rose. Price 50c— $3\frac{1}{2}$  ft.

**DREER'S WHITE.** A pure glistening white, a large ball-shaped flower with closely quilled petals, unsurpassed by any other variety in freedom of flowering. Price 35c—3 ft.

**FLORAL PARK JEWEL (BURLEIGH).** Perfect ball, red and white tipped; medium size. Price 35c—3 to 4 ft.

**GOLDEN OPPORTUNITY.** A fine bold flower produced on very long stems. Flowers very large and of good substance. Color, rich old gold. Price 75c—2 to 3 ft.

**GRAND EXHIBITION.** A very large perfectly formed flower. Light rose base shaded to deep purple. Very attractive; free flowering. Price 50c—5 ft.

**LUCY FAUCETT.** Pale yellow, striped light magenta, a beautiful combination of color; medium size. Price 35c—4 to 5 ft.

**MISSOURI BEAUTY.** A perfect ball shaped flower of the most exquisite shades of coloring. Light base overlaid old rose. A low compact grower. Without any question the most beautiful show Dahlia we have ever seen. Medium size. Price \$1.00—3 ft.

**QUEEN OF THE AUTUMN.** A sport from Queen Victoria. Identical in every way with this variety except color, which is yellow base overlaid deep bronze. Was much in demand as a cut flower with us last year. Medium size. Extremely free flowering. Price 35c—4 ft.

**QUEEN VICTORIA.** A free blooming variety of a pure yellow. Price 25c—4 ft.

**RED HUSSAR.** A free flowering red, medium size. Price 25c—4 ft.

**STORM KING.** A good white. Medium size, free flowering. Price 35c—3 to 4 ft.

**STRIPED BANNER.** A bright red and white striped compact flower. Medium size. Price 25c—2 to 3 ft.

**YELLOW DUKE.** Large flower; deep lemon yellow; good bloomer; quilled petals. Price 35c—4 ft.

## COLLARETTE DAHLIAS

These are single dahlias with a collar of small petals, usually of a different color, surrounding the yellow disc forming a very novel class.



**AMI NONIN**

**AMI NONIN.** French Collarette; large dark edged lilac, white collar.

Price 25c—4 ft.

**HENRY FARMAN.** Yellow blotched red, cream collar. Very pretty.

Price 25c—2 to 3 ft.

**RED DAINTY.** Beautiful shade of dark red, white collar. Price 25c—3 to 4 ft.

## SINGLE OR CENTURY DAHLIAS

The center is always visible and surrounded by one or two rows of petals. Very free flowering. A bed of singles is a gorgeous sight to behold.

**FRIGOLA.** A rich purplish red, tipped pure white. Very effective. Medium size.  
Price 35c—4 to 5 ft.

**ROSE PINK CENTURY.** A large flower, rich rose pink. Price 20c—5 to 6 ft.

**SUNSET CENTURY.** Most striking effective yellow at base of petal, outer half deep rich vermillion. Very bright and effective for garden or cutting. Medium size.  
Price 20c—2 to 3 ft.

## POMPON DAHLIAS

These are tiny, compact growers, usually of quilled petals, very floriferous, and do not require disbudding. They can be depended upon. Might be termed a miniature Show-Dahlia. Very attractive.

**AMBER QUEEN.** A beautiful long stemmed little flower. Golden amber.

Price 35c—2 ft.

**BELL OF SPRINGFIELD.** One of the smallest varieties grown. A profuse and early bloomer. Color terra cotta red.

Price 50c—2 ft.

**BETTY LEE.** A deep maroon, a very fine small quilled petal, perfect ball.

Price 50c—2 ft.



**CAMELIA**

**CAMELIA.** In 1924 we had this listed as a decorative but it is a very small flower. We do not think that we are wrong by placing it among the Pompoms. As a rule comes perfectly full to the center. A deep flame in color, very free flowering. We believe this to be perhaps one of the most useful of the miniature class. A basket of this variety is a perfect charm. The cut will give you some idea as to its possibility for this kind of work. Note the long, wiry stem. Always attracts attention.

Price 50c—2 ft.

**POMPON DAHLIAS—Concluded**

**CATHERINE.** Well formed primrose-yellow                              Price 35c—2 ft.  
**DR. JIM.** A very distinct variety. Color light ground, heavily edged with purple.                              Price 25c—2 ft.

**PERLE De LYON—Cactus**

Greatly reduced in size

See page 14

**GEM.** A perfect little wonder; free flowering; uniform coloring, light base overlaid deep lavender. Won first prize as the best pompon at the show. Price 50c—2 ft.  
**GOLDIE.** A tiny flower of pure gold; fine for cutting.                              Price 75c—2 ft.  
**GRETCHEN HEINE.** A dainty flower of rose tinted white, each petal heavily tipped crimson-carmine. One of the finest of the miniature class. Price 35c—2 ft.  
**JOE FETTE.** The best and smallest white for exhibition or cutting.                              Price 50c—2 ft.  
**JOHNNY.** A deep red, beautifully formed, free flowering variety that attracts great attention; invaluable for cutting and exhibition.                              Price 50c—2 ft.  
**KLEINDOMITEA.** Deep buff, shaded orange. One of the best. Price 35c—2 ft.  
**LILIAS.** One of the loveliest pompons. Cream ground heavily suffused with pink with a lilac sheen. Very beautiful.                              Price 50c—2 ft.  
**LITTLE BEAUTY.** Shrimp pink, a good flower.                              Price 35c—2 ft.  
**LITTLE BEESWING.** Golden yellow, very deeply and prettily edged with bright cherry red. One of the most attractive grown.                              Price 50c—2 ft.  
**PEE WEE.** Soft yellow with a center shading to brown.                              Price 50c—2 ft.  
**PRINCE CHARMING.** A bright flower on long stems, base white with heavy purple edging; good every way.                              Price 35c—2 ft.  
**RAPHAEL.** Very deep maroon, fine form.                              Price 20c—2 ft.  
**SUNBEAM.** Flaming crimson.                              Price 30c—2 ft.  
**SUNSET GLOW.** A pretty little flower of orange and sunset red. Good stem, fine grower, excellent keeper, fine for basket work, tall grower, therefore needs staking.                              Price 25c—3 to 4 ft.  
**TOM THUMB.** Garnet red. A winner in the smallest flower class. Price 50c—2 ft.

## GLADIOLI

Our special collection of Gladioli have been selected from many varieties on the market with the thought in mind of giving our customers the offerings without the necessity of considering so many varieties of little worth or other varieties similar.

The Gladioli is becoming more prominent each year. In the past where a few have been planted here and there in the yards they are being planted now by the hundreds and in some cases by the thousands on private places. What a treat to go out into the garden and cut an armful of flowers of colors to your liking.

### HOW TO GROW GLADIOLI

Gladioli may be planted beginning as soon as the frost is out of the ground and danger of heavy freezing is past and continue at intervals of every two weeks up to July 1st, thus giving a succession of blooms through the entire season. A good mixture of bulbs may be planted at one time that will extend the blooming season for considerable time on account of some varieties being earlier than others in their blooming season. Our mixture is especially adapted for this purpose.

Plant from four to six inches deep, according to the lightness of the soil and the size of the bulbs. In a cool climate they thrive best in a good sunny place. Where the summers are extremely warm a partially shaded place is preferable.

The ground should be kept well stirred or hoed from the time they begin to come up until they are ready to dig, or they may be mulched with a good covering of light straw to the depth of about four inches. As soon as planting is done or after they have made considerable growth and the ground has been well stirred, they may have a liberal mulch of straw or clippings from the lawn. This will hold the moisture and work a great benefit. If the season is dry they can stand considerable watering, especially at the time flowering spikes begin to appear, being careful to work the ground as soon as it becomes sufficiently dry, never while wet, but if the mulch has been applied there is no necessity of working the ground.

We do not advocate the use of dressing too liberally. A light application of any well decayed manure or good commercial fertilizer applied on the top of the ground after the plants are several inches high will aid in producing larger blooms. Never apply fertilizer at the time of planting. The ground should be kept moist (not wet) until the flower spikes begin to appear, then water freely. The spikes can be cut as soon as the first bud begins to open. Four or five of the lower leaves should be left to help mature the new bulb.

The bulbs should be dug as soon as the leaves turn yellow or as soon as they are killed by frost. They should be lifted, tops and all, and allowed to cure, preferably out of doors. If in a warm climate they should be shaded during the heat of the day and should at all times be protected from frost. The usual time for curing is from four to six weeks. When thoroughly dry the tops should be cut off close to the bulbs and the old dried corms removed from the bottom of these new bulbs. Store in shallow trays in a cool dry place protected from frost.

The varieties we offer below are all of the highest quality first size bulbs and will delight you.

Sent prepaid.

**ALICE TIPLADY.** A grand, large Primulinus of most beautiful orange saffron color. Very choice (this is undoubtedly the most popular Primulinus in existence).

Price 10c each—\$1.00 per doz.—\$7.50 per 100

**AMERICA.** Very large flowers of delicate lavender-pink.

Price 5c each—50c per doz.—\$3.50 per 100.

**ANNA EBERIUS.** Deep Rhodamine-purple, shading into very deep bordeaux center. This variety has created a sensation everywhere with growers and amateurs alike.

Price 15c each—\$1.50 per doz.—\$10.00 per 100

**BERTREX.** A wonderful pure, glistening white, very tall and vigorous. Fine early commercial flower. The peer in this shade.

Price 8c each—80c per doz.—\$6.00 per 100

**GLADIOLI—Continued**

**E. J. SHAYLOR.** Tall, very strong plant and deep rose blooms; a beautiful pure deep rose pink. Extra choice; ruffled.

Price 10c each—\$1.00 per doz.—\$7.00 per 100

**EVELYN KIRTLAND.** A splendid variety with large flowers of wonderful substance of rosy pink at the edges passing to shell-pink in the throat, with fiery scarlet blotches on lower petals. A strong, robust grower.

Price 10c each—\$1.00 per doz.—\$7.00 per 100

**GOLDEN MEASURE.** The one best yellow; large flowers of deep golden yellow heretofore unknown in a large flowering gladiolus. Several of these gorgeous flowers in bloom at once on a tall, strong stem give a most magnificent effect.

Price 20c each—\$2.00 per doz.—\$15.00 per 100.

**HALLEY.** Very early; large flowers of bright salmon pink on long, graceful spike. A wonderful cut flower, very satisfactory in every way.

Price 5c each—50c per doz.—\$4.00 per 100.

**HENRY FORD.** Very dark rhodamine purple shading into deeper tones near the center. Color very clear like Anna Eberius, but much larger and clearer. It is a tremendous propagator, and even the smallest bulb will bring a flower spike 3 or 4 feet tall five months after planting. This variety far surpasses our famous "Anna Eberius." The foregoing is the introducer's description. This was a marvel on our place last year. This variety was listed at \$200.00 each three years ago.

Price 75c each—\$7.50 per doz.

**HERADA.** An enormous glistening mauve, self color and wonderful for florists' work. The very best variety in this shade among the commercial varieties; a prize winner.

Price 10c each—\$1.00 per doz.—\$6.00 per 100.

**LE MARSHALL FOCH.** This might briefly be described as an improved America, having the same soft flesh-pink color, but with much larger blooms and coming into flower two weeks earlier. Of unusually strong, vigorous growth with splendid straight, well-filled spikes.

Price 8c each—80c per doz.—\$6.00 per 100.

**MARSHALL FOCH.** The sensation of the American Gladiolus Society Shows. Entirely distinct from the Holland variety "Le Marechal Foch." It was awarded the Burpee Silver Trophy Cup. The color is an exquisite shade of delicate salmon pink, deepening toward the edges of the petals and brighter in the throat. Almost self color. Very large flowers, many open at a time, on tall, strong, straight stem. Magnificent and full of elegance. Called the finest of all gladioli by many experts.

Price 20c each—\$2.00 per doz.—\$15.00 per 100.

**MARY PICKFORD.** A comparatively new variety of dainty coloring, splendid spikes with large expanded blooms of a delicate creamy white, the throat suffused with soft canary yellow.

Price 15c each—\$1.50 per doz.—\$10.00 per 100.

**MRS. DR. NORTON.** This variety is quite alone in its beauty, no other equals it in its class and everywhere it is awarded the highest honors. Silvery white blossoms daintily tinted with pink, deepening toward the edges. A creamy blotch of sulphur yellow, speckled at base with Tyrian rose.

Price 10c each—\$1.00 per doz.—\$7.00 per 100.

**MRS. FRANCES KING.** Very tall flame scarlet. Many large flowers open at once. For brilliant effects nothing is finer. Price 7c each—75c per doz.—\$5.00 per 100.

**MRS. FRANK PENDLETON.** The introduction of this variety created a sensation in the gladiolus world. Bright rose pink on pure white ground, a giant blotch of richest velvety carmine red on lower petals. No grander variety in existence; like an immense glorious orchid.

Price 8c each—80c per doz.—\$6.00 per 100.

**ORANGE GLORY.** Grand orange colored with beautiful lighter throat. Very rich and striking color. Beautiful and distinct. Ruffled.

Price 15c each—\$1.50 per doz.—\$10.00 per 100.

**PEACE.** A giant, white with lilac featherings in throat; very robust plant and beautiful flowers.

Price 10c each—\$1.00 per doz.—\$6.00 per 100.

**GLADIOLI—Concluded**

**ROSE LUSANTA** (*Primulinus*). Shell pink with cream throat. Tall grower and large, full, open flower. We predict that this variety will become very popular when known.  
Price 20c each—\$2.00 per doz.—\$15.00 per 100.

**ROSALIA** (*Primulinus*) Yellow blushed orange, lower petals golden yellow. Rather dwarf grower but the flowers are large and beautifully ruffled making a fine cut flower variety. Extra.  
Price 10c each—\$1.00 per doz.—\$6.00 per 100.

**ROSE ASH**. Peculiar soft old rose tones fading to ashes of roses on the outer edges of petals. Very unique in coloring and greatly admired. If you have a room with mahogany furniture and mulberry hangings this is an ideal indoor setting of Rose Ash. We have never seen a gladioli that would produce such a wonderfully large spike and massive head of flowers.  
Price 20c each—\$2.00 per doz.—\$15.00 per 100.

**SOUVENIR** (*Primulinus*). Pure solid deep yellow on long slender stems. Perfect for cutting. Claimed to be the deepest pure yellow prim in existence.  
Price 15c each—\$1.50 per doz.—\$10.00 per 100.

**WAR**. A very large blood-red, tall and stately. Pure solid color. Very handsome. Perhaps one of the strongest growing reds on the market, exceptionally long spikes.  
Price 10c each—\$1.00 per doz.—\$7.00 per 100.

**MIXED GLAIDOLI**. We have a very fine mixture, including many of the very fancy varieties, all of them most desirable comprising a very wide range of coloring. We feel confident in saying that as fine a mixture has seldom been offered at these prices.

You will be justified in planting these liberally.

These are all strong blooming size bulbs.

Price 1 doz. 40c—3 doz \$1.00—100 for \$2.50—1000 for \$20.00.

**GORGEOUS CANNAS**

We are offering a collection of Cannas that comprise the cream of the varieties that are on the market. The Canna is one of the showiest flowers we have for color effect either in the small yard or for expansive landscape effect. The improved varieties with their massive heads of large flowers and brilliant colorings are beyond comparison with the old varieties.

The divisions that we offer are strong, healthy roots, containing two or more eyes and are not to be compared with the small roots usually offered over the counter in many of the stores.

**HOW TO PLANT AND CARE FOR THE CANNA**

The ground should be well spaded to a depth of 1½ or 2 feet. A liberal amount of stable manure or its equal should be worked into the ground, as they are strong feeders. When the ground has become warm and dry, about the middle of May or June first, they should be planted. If for massive effect, plant about 2 feet apart, for more compact effect plant closer. Cover about 4 inches deep and keep ground well stirred.

After they have made considerable growth water may be given them rather liberally, later on when bloom begins to appear give them abundance of water. Additional food may be added to an advantage in the growing season in the way of sheep manure or bone meal or other manure at hand.

After frost has killed the tops lift the clumps and keep them in a dry place away from frost. They can stand warmer storage than most bulbs, especially in the clump form if some of the soil is left on them.

**AMERICAN BEAUTY**. Velvety Oriental carmine, od translucent cerise; it is unusually attractive, with its large flowers of tropical magnificence; green foliage.  
Price 30c each—\$3.00 per doz.—4 ft.

**CITY OF PORTLAND**. Flowers of the largest size and borne on heavy trusses; color, glowing pink, flowers freely. Green foliage.  
Price 25c each—\$2.50 per doz.—3½ ft.

**CANNAS—Concluded**

**EUREKA.** The best white Canna for all purposes. The large substantial flowers are very freely produced on strong vigorous plants.

Price 20c each—\$2.00 per doz.—4 ft.

**KING HUMBERT.** A most popular variety; orange-scarlet flowers, large and showy; deep bronze foliage.

Price 15c each—\$1.50 per doz.—5 ft.

**KING MIDAS.** A true Canna aristocrat. Very large flower of glittering gamboge-yellow. Outstanding variety coming into great popularity; new.

Price 30c each—\$3.00 per doz.—5 ft.

**MME. CROZY.** Red edged gold, pretty border variety.

Price 15c each—\$1.50 per doz.—4 ft.

**MRS. PIERRE S. DU PONT.** For many years the flower loving public has been looking forward to the time when some Hybridizer would produce a real worth while pink canna. We are glad to be able to offer to our friends this masterpiece of the Hybridizer's art. A truly wonderful Canna. A brilliant watermelon pink, extremely large flower heads with beautiful ruffled petals. Firm erect stems, massive green foliage. One of the rankest growers we have ever seen. From a small bulb a tremendous plant was produced carrying several large heads of flowers at one time. At no time after the plants started blooming were they without a grand show of flowers increasing in gorgeous display as the season advanced. You will not regret having invested in this great Canna.

Price \$1.50 each—\$15.00 per doz.—4 ft.

**PALM BEACH.** Eye-catching and destined to great popularity. Broad, long petaled flowers of maize-yellow, with faint blush of pink. Really rivals the finest orchids; new.

Price 75c each—\$7.50 per doz.—3½ ft.

**ROSEA GIGANTEA.** Large flowers in great abundance; the individual petals are often 2½ inches across, of a deep rich rose, almost a coral carmine.

Price 25c each—\$2.50 per doz.—4 ft.

**STATUTE OF LIBERTY.** An extremely vigorous grower with deep bronze foliage and large orange-scarlet flowers. Its extreme rank growth towering above any other variety with its massive heads of flowers makes this variety a most excellent specimen for the center of beds or for back ground of other lower growing subjects.

Price 20c each—\$2.00 per doz.—6 to 7 ft.

**THE AMBASSADOR.** Its wonderful vigor, healthy bronze foliage and brilliant cherry-red flowers makes this one of our most effective and attractive varieties. It has been appropriately referred to as the "Bronze leaved President," however, it blooms earlier and if possible more freely than that wonderful Canna. A real worthy new variety.

Price 25c each—\$2.50 per doz.—5 ft.

**THE PRESIDENT.** We believe there is no other green foliaged Canna that is so attractive as this one; a perfect wonder producing the most gorgeous clusters of flowers imaginable. A brilliant red.

Price 20c each—\$2.00 per doz.—5 ft.

**WINTZLERS COLOSSAL.** Without a doubt the largest flowered Canna to date, as the average flowers almost cover a man's hat. The color is a strikingly vivid scarlet that retains its brilliancy.

Price 20c each—\$2.00 per doz.—5 ft.

**YELLOW KING HUMBERT.** A sport from the bronze leaved, red flowering King Humbert. Flowers are yellow dotted orange-scarlet. The occasional reversion of a stalk of foliage and flowers to the typical King Humbert makes a bed of this variety very interesting.

Price 15c each—\$1.50 per doz.—4½ ft.

**Special Offer—1 Root of each of the above 14 varieties sent prepaid for \$4.00.**

## PEONIES

We have many of these still in good condition for early Spring planting. If interested refer to our Fall catalogue which was issued last Fall. If you have not a copy and are interested we would be glad to mail you one.

## LILY OF THE VALLEY

We have arranged for a quantity of these most dainty of all flowers. They have been grown especially for outside planting and a few of these planted on the north side of the house or where they are partially protected from the hot sun should, in a short time, make a permanent bed for many years and be a great delight to you.

Spade your ground up well, plant them sufficiently deep to cover the pips about 3 inches. Any ordinary garden soil will do. A liberal amount of well rotted manure worked into the soil may be of service but is not compulsory. A good mulch of well rotted manure spread over the bed in the Fall or early Spring will also help them.

Price 18 Strong Pips for \$1.00—100 Pips for \$5.00—Postpaid

## TUBEROSE

The flowers of this popular plant are waxy-like, one of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

**MEXICAN EVER-BLOOMING SINGLE.** The most free-blooming Tuberose in existence. It is a native of the tableland district of Mexico. Each bulb produces only one flower spike; but the peculiar feature is the making of new bulbs, as the original one is blooming, which flower as soon as the old bulb has finished, thereby yielding a succession of bloom throughout the season.

These bulbs may be planted out as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost. The flower stalk is tall and stiff, usually bearing from six to twenty pure white blooms, having the same delightful odor as the regular double variety. The stalks when cut will last for a great length of time in water and the flowers will also increase in size.

This Mexican Ever-blooming Tuberose is easily grown in the house or greenhouse and makes one of the best and most useful varieties for forcing.

Price 10c each—75c per doz.—\$6.00 per 100

## GERMAN IRIS

There is no flower planted that will make as great a display with the least amount of effort than the Iris.

Planted as a border along walks and drives or around shrubbery or flower beds, they are most effective. May be planted here and there among other plants with good effect.

### HOW TO PLANT

The Iris should be planted very shallow, just covering the roots is sufficient. Any well-drained location will suit them.

S— stands for the Standards and F for the Falls.

## IRIS—Continued

**DR. BERNICE.** S., coppery bronze; F., velvety crimson. In general effect a brown Iris. 24 inches. Price 25c each—\$2.50 per doz.

**HIAWATHA.** S., pale lavender flushed rose; F., royal purple bordered lavender; white veins at base. Listed by many growers at 75c each. 28 inches. Price 35c each—\$3.50 per doz.—\$15.00 per 100.

**IRIS KING.** Very large massive flowers. S., old gold; F., very broad, rich and bright velvety-crimson-maroon margined with gold. A strikingly beautiful flower; 24 inches. Price 35c each—\$3.50 per doz.—\$15.00 per 100.

**ISOLINE.** A grand ,distinct Iris with very large flowers and strong foliage. S., lilac-pink; F., purplish old-rose, golden at the throat; beard yellow. The straight-hanging falls give the flower a long appearance. On established clumps it flowers freely on strong, well-branched stems. Among all the newer introductions it still holds its place as a distinct and worthy flower; 36 inches.

Price 35c each—\$3.50 per doz.—\$20.00 per 100.

**KOCHII.** A wild Iris from Southern Europe, flowers a deep blackish purple—a rich coloring that is greatly admired. Blooms early. One of the best deep colored Iris; 24 inches. Price 25c each—\$2.50 per doz.—\$15.00 per 100.

**LOHENGRIN.** S. and F. uniform soft shade of cattleya-rosa. Very large flower. Strong grower and exceedingly free bloomer; 30 inches.

Price 30c each—\$3.00 per doz.—\$20.00 per 100.

**MADAME CHEREAU.** S. and F., white, frilled azure blue; very free and fine for cutting; 36 inches. Price 20c each—\$2.00 per doz.—\$12.00 per 100.

**MASSASIOTT.** S., a distinct shade of metalic vermilion blue; F., deeper; very velvety and rich; 24 inches. Price 20c each—\$2.00 per doz.—\$10.00 per 100.

**OTHELLO.** S., violet blue; F., deeper with white markings; 24 inches.

Price 20c each—\$2.00 per doz.—\$10.00 per 100.

**PALLIDA DALMATICA** (Princess Beatrice). This is the true type of Pallida Dalmatica and still one of the most attractive and satisfactory all around varieties, with flowers of large size; both S. and F. of a clear lavender blue shading to a pale silvery blue at the base and sweetly scented. It is of strong, vigorous growth over 3 feet high, with unusually heavy glaucous foliage.

Price 50c each—\$5.00 per doz.—\$35.00 per 100.

**PERFECTION.** An old Iris that still stands as one of the best of its class. S. light blue-lavender, usually irregularly flaked with deeper blue; F. brilliant, deep violet-purple, with an orange-yellow beard; 30 inches.

Price 25c each—\$2.50 per doz.—\$15.00 per 100.

**PRINCESS VICTORIA LOUISE.** S. sulphur-yellow; F. rich plum bordered cream; 30 inches. Price 25c each—\$2.50 per doz.—\$15.00 per 100.

**PURPLE PRINCE.** S. intense deep violet-blue; F. velvety dark purple.

Price 25c each—\$2.50 per doz.—\$15.00 per 100.

**QUEEN OF MAY.** An old standard that is still one of the most charming “pinks” for mass effect. S. lilac; F. purplish lilac, or rose. Vigorous grower and free bloomer; 30 inches. Price 20c each—\$2.00 per doz.—\$10.00 per 100.

**SHERWIN-WRIGHT.** A vigorous and free flowering bright golden yellow. The color is more dense and bright than most of the newer and supposedly improved varieties. Price 25c each—\$2.50 per doz.—\$15.00 per 100.

**SWATARA.** S. Lobelia blue, suffused bronzy yellow at base; F. bright violet. Conspicuous yellow beard; 24 inches. Price 35c each—\$3.50 per doz.—\$20.00 per 100.

**THORBECK.** A low-priced Iris that is one of the most attractive. S., clear white that never comes blotched from the color of the falls; F., deep, rich, velvety purple. Free-flowering; 30 inches. Price 35c each—\$3.50 per doz.

Mixed—15c each—\$1.50 per doz.—\$8.00 per 100

**IRIS—Concluded**

**SPECIAL**—We have a great quantity of the following that must be moved from the ground and will make attractive prices. Sherwin Wright 12 for \$1.00.

We have another lot of two varieties mixed blue and light blue, extra fine bloomers. 12 for \$1.00.

You may order these six of a kind. No less than a dozen will be sent at the above prices. Prepaid.

## HARDY PHLOX

We have a few selected varieties of this most interesting and useful hardy plant. Can furnish these in strong 1-year field grown plants that will bloom freely this year at 25c each except where noted; prepaid.

Mrs. Jenkins we can also furnish in large 3-year-old clumps at 50c each; prepaid.  
**CHAMP'S ELYSEE.** A bright rosy-magenta; very effective.

**FIREBRAND.** Bright red with deeper center, large trusses, strong, robust habit, 35c.

**MILLY** (Mrs. Milly Van Hoboken). A gem with very large trusses of large flowers of a pink with soft mauve suffusion; 35c each.

**MRS. JENKINS.** The best all around pure white.

**MISS LINGARD.** This grand variety is one of the most popular sorts grown; color, white with a delicate pink eye. It grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October.

**PANTHEON.** Bright carmine-rose.

**RIVERTON JEWEL.** A lovely mauve-rose illuminated by a brilliant carmine-red eye.

**THOR.** A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow. A light, almost white, halo surrounds the aniline red eye. A very effective color and becoming more popular each season; 35c each.

## PERENNIAL PLANTS

Let us know what your requirements are and we will quote you. Have many on hand. Others we can get for you.

## BEDDING PLANTS

Many of our customers live where it is inconvenient to get such plants. We always have a large supply of these on hands for our local trade. Last year we shipped many of these to distant states with perfect satisfaction. We pack these so that they will reach you in good condition. No charge for packing.

Large plants of Geranium, Ruffled Petunias, Lantanas, Salvia and many others at 25c each or \$2.50 per doz. Various colors. In bud or bloom.

Also have many other plants in small sizes that will give most excellent results at 10c and 15c each. Most of these are in bud or bloom, all will bloom at their proper time.

Sent C. O. D. for transportation.

If interested in these correspond with us, we will be glad to give further information if desired.

## SHRUBBERY

We have on hand a fine assortment of shrubs.

**SPIRAE VAN HOUTTE.** Strong plants of blooming size at 35c, 50c and 65c each. This shrub is in greater demand than any other on the market.

**PERSIAN LILACS.** Strong plants, 75c. These will bloom freely for you the following year, some the first.

**MALLROWS (Hardy Hibiscus).** Large and free flowering. Mixed red and pink. Strong 2 year old plants 25c each—\$2.50 per doz.; prepaid.

Many other varieties at 65c each for strong plants.

We are in close contact with several large nurseries that make a specialty of growing Ornamental Shrubbery and we will be glad to quote you on your requirements.

Most of the above should be sent by express. Small plants may be sent by Parcel Post. All are sent charges collect.

## BUDDLEIA—BUTTERFLY BUSH

This is one of the most interesting and useful shrubs that was ever introduced. Very rank grower, extremely free flowering, very attractive in the yard and most useful as a cut flower. Begins blooming on the young plant early in the season and continues until heavy frost. We furnish these in small plants that will make a large bush from 2½ to 4 feet the first year and bloom abundantly in a short time from planting. These small plants, as a rule, give better satisfaction than the large plants. They will grow like weeds.

25c each, 5 for \$1.00; Parcel Post prepaid.

## ROSES

### CULTIVATION OF THE ROSE

**LOCATION.** This is very important. The rose garden must not be situated under the branches of trees and should be placed well away from all tree and shrubbery growth, as the roots of these usually extend much further than their branches.

If possible select an open situation where the plants will get plenty of air and sunshine, but sheltered, if possible, from high winds. Do not plant close to the foundation wall of a building. In such location the ground does not get the benefit of an average rain, and as summer advances the heat there will be too great.

**SOIL.** A clay loam is ideal soil for roses. Any good garden soil which will produce good vegetables will, with proper fertilization, yield very fine roses. A too heavy soil may be improved by working in a little coarse sand and vice versa. Rotted sods, with which manure has been liberally mixed, together with bone and lime, usually make an ideal soil combination.

**FERTILIZERS.** There is nothing that will take the place of cow manure. This may be used most liberally, as fresh as you can obtain it, with perfect safety. If this cannot be obtained well-rotted manure from the horse stable or hen house may be used, care being taken not to use this too freely, especially the chicken manure. Cow manure may be had in the pulverized state which is excellent for roses. See our offerings in the back of the book.

Bone meal is an excellent fertilizer for roses in preparing the bed. When soil is well pulverized a liberal sprinkling of bone meal over the ground until same is well covered will prove an excellent booster. This should be well raked into the ground. This may be applied at intervals during growing season with good effect. In the case where bone meal has been used, if rain does not shortly follow, a liberal soaking with the hose is important.

**PRUNING ON PLANTING.** In the fall, just before shipping the bush rose plants, we cut them back to about one foot in height, therefore no further pruning until early spring will be necessary. Climbing roses are cut back to about two feet.

**ROSES—Continued**

**SPRING PRUNING.** In March, or after all snow is melted and before growth begins, the canes should be pruned back severely, even if the wood is alive to the ends, which is not likely. The general rule is to cut the weakest canes, the shortest, and where these are numerous some of the smallest ones may, to advantage, be cut out entirely. The severer the pruning the larger the flowers to follow. A moderate pruning will yield more flowers of less size. The stoutest canes should be cut back to not more than six inches and the weaker ones to not more than three inches.

**SPRING PRUNING ON OLD ESTABLISHED PLANTS.** The wood of the previous season's growth may be treated as advised above. This wood is smoother and greener than older wood. The wood that is dead or very old should be cut away entirely.

The Hybrid Perpetuals need not be pruned quite as severely as the Hybrid Teas. Where the branches are numerous it will be best to remove the weaker one and cut the remaining branches back to 12 to 14 inches.

**CLIMBING ROSES.** After the Climbers become established the only pruning that is needed is the removing of the dead wood and cutting back the 2-year-old wood, especially where the growth has been rank, leaving the new growth for your flowering wood. This should be done before they start into growth in the spring.

**WINTER PROTECTION.** A liberal covering of the rose bed with leaves to about two-thirds of their height will prove an ideal protection for Hybrid Tea Roses. Hybrid Perpetuals and Climbers do not need so much, although they will be benefited by a covering. Where leaves can not readily be obtained straw or other litter may be used.

**PLANTING ROSES IN THE SPRING.** Plant in the spring as soon as ground is suitable and through the entire of the planting season. We have them in pots which enables you to plant them any time plants are available.

The advantage of spring planting is that the plants become established in the ground and are less likely to winter kill.

**PLANTING ROSES IN THE FALL.** The Rose-loving world is beginning to find out that Roses can be planted in the Fall as well as the Spring with most excellent results, and in many cases far greater results are obtained from Fall planting than Spring.

The proper thing to do is to plant when the time with you is opportune. As a rule planting time begins around the first part of November.

**PREPARATION OF THE BED.** Where the best results are desired the beds should be trenched to a depth of 15 to 18 inches. This soil should be well mixed with rotted animal manure, using about one part of manure to three parts of soil. When this mixture is returned to the bed it should be trodden down until desired grade is reached, or, if bed is prepared well in advance of planting, left for heavy rains to settle. Drainage will be necessary where the water does not quickly disappear. This may be effected by removing another section of soil, about 8 inches, and filling in with stones, broken bricks or other similar substances, the smaller pieces on top, and the whole given a coating of gravel or ashes to prevent the soil washing through.

**DISTANCE APART.** Hybrid Perpetuals should be planted about 2 to 3 feet apart, the distance being governed by the space at one's disposal, the varieties planted and the length of time the planting will probably remain undisturbed. Hybrid Teas require about 15 to 24 inches.

## ROSES—Continued

## HYBRID PERPETUAL ROSES

These are the large, strong growing plants that produce marvelously large and beautiful formed flowers in abundance in the Spring and occasionally in the Fall.

**ANNA DE DIESBACH.** These clear, rosy carmine flowers are unusually large and double, with thick, deeply cupped petals, reflexed and shaded red at the edges. Strong grower, free flowering, and one of the hardiest.

**CAPTAIN HAYWARD.** These exquisitely formed, semi-double buds and flowers, are of a scarlet-crimson color. Very large and fragrant. The big, strong plants are almost constantly in bloom.

**FISHER HOLMES.** Magnificent, reddish scarlet beneath a black velvety sheen, bright and glowing, perfectly formed and fragrant. Strong growth.

**FRAU KARL DRUSCHKI.** Pinkish buds and magnificent, snow-white blooms with deep, firm petals, forming a flower of unimpeachable shape, but without fragrance. Plant one of the strongest, grows 4 to 10 feet high; foliage normal; blooms freely and continuously. There is no white rose than can approach Frau Karl Druschki. It is the peer of them all.

**GEORGE AHRENDS.** Also known as "The Pink Druschki." Very fragrant. The very large flowers are full and of a soft, light pink color. It has good, light green foliage and produces a very pleasing and delicate effect as a cut flower arranged with Frau Karl Druschki.

**GEORGE DICKSON.** When this rose was disseminated a few years ago it was heralded as one of the greatest, if not the greatest, rose ever raised by the originators, who have been among the foremost in producing new varieties of roses during the past generation. It was introduced and is sold by some as a Hybrid Tea but in reality is a Hybrid Perpetual. In color it is the most wonderfully rich, dark red rose in existence described by the introducers as "velvety-black scarlet crimson with brilliant reflex tips, with heavy and uniquely pure crimson maroon veinings on the reverse. It has one fault in that the stem immediately below the flower is sometimes rather weak, but this fault, when it occurs, is not serious enough to deter the planting of this rose, which is of strong and good, bushy habit. The flower is very full and beautifully formed; richly perfumed and was awarded the gold medal by the National Rose Society.

The following is an amateur's description of "George Dickson":

"It is the acme of perfection in red roses in form, color, size, etc. I have over fifty varieties of the choicest reds, and this one is head and shoulders above anything in my collection; in fact, far superior to any red rose I have ever seen."

**J. B. CLARK.** Very large, light red blooms, shaded blackish maroon, gobular, very double, slightly fragrant. Vigorous grower. Average foliage; early bloom profuse but scarce later.

**MRS. JOHN LANG.** Large, smooth, double, cup-shaped blooms of clear pink; very sweet. Plant is vigorously erect, almost thornless, with handsome foliage and is most floriferous.

**PAUL NEYRON.** Deep, lilac-rose blooms of immense size, fair form, very double and fragrant. Strong grower, almost smooth canes with tough, leathery foliage; particularly free and constant bloomer.

**PRINCE CAMILLE DE ROHAN.** The large, full, well-formed, fragrant flowers are of a dark crimson coloring shaded blackish maroon. Growth rather moderate, spreading in habit. This is perhaps the deepest coloring of any Rose grown.

**SUZANNE MARIE RODOCANACHI.** Vigorous healthy grower producing very double, gobular flowers of a soft, rosy cerise coloring. The richest colored pink rose of the Hybrid Perpetual class. Fine foliage.

**ULRICH BRUNNER.** Brilliant light cherry red flowers of immense size and form. The fragrant flowers have great substance and lasting qualities. Strong grower. A very popular rose.

## ROSES—Continued

## HYBRID TEA ROSES

The Hybrid Tea Roses are the varieties that produce beautifully pointed buds all season through; as a rule of the highest fragrance.

**COLUMBIA.** The sweetly scented flowers of a lively, bright pink deepening in color as they expand are of an exquisite shape. Strong, stiff petals. Free flowering, good growth, and healthy foliage.

**GRUSS AN TEPLITZ.** The semi-double, cup-shaped, flowers are of a velvety crimson shading to scarlet center. An exceedingly strong grower, with plum-colored foliage. A very free and continuous bloomer producing its fragrant flowers in small clusters at the end of long stems. Its absolute hardiness, beautiful foliage, and its very free and continuous blooming qualities, make this the greatest rose for massing and hedging. Unsurpassed for cemetery work. A wonderful variety.

**OPHELIA.** A creamy white and pale pink bloom with a glint of golden yellow in the folds of its petals; very fragrant. Strong plants producing its blooms very liberally.

**SENSATION.** Enormous scarlet-crimson blooms of fine deep form, very double, 30 to 35 petals of great size and substance; sweetly scented. Plant is strong and very active in sending up new blooming shoots. A marvelous variety. Strong plants \$1.50 each.

**SOUV. DE CLAUDIO PERNET.** The growth is very sturdy and upright with glossy, healthy foliage. In color it is one of the clearest and most lasting of yellows. In our field it made a greater impression than any rose we have ever grown. If you are looking for a real yellow rose we believe this variety is unsurpassed. Strong plants \$1.50 each.

**WHITE KILLARNEY.** Long-pointed buds of a pure white. Vigorous grower and very free flowering. Very fragrant.

Except where noted \$1.00 each; 12 at the price of 10.

## HARDY CLIMBING ROSES

The climbing roses we offer are of the large flowering type and are superior to any other varieties on the market.

**CLIMBING AMERICAN BEAUTY.** One of the very best climbers on the market producing its large flowers of an American Beauty color, rich rosy-carmine. Can be used with good effect as a specimen plant in the yard by cutting it back to the desired height. The flowers are produced on long stems and is most desirable for cutting. Each \$1.00.

**DR. W. VAN FLEET.** A Rose, which on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. A strong vigorous grower. Each \$1.00.

**MARY WALLACE.** Named by the Portland Rose Society in honor of the daughter of Secretary of Agriculture Mr. Wallace, originated at the Maryland Station of the Department of Agriculture by the late lamented Dr. W. Van Fleet.

The Department describes it as a pillar Rose, making a fine, strong, self-supporting plant 6 to 8 feet high, with large glossy foliage, blooming with great freedom in Spring and bearing a considerable number of fine buds in Summer and Fall. Flowers very large, generally exceeding 4 inches across, well formed, semi-double, of a bright clear rose-pink with salmon base to the petals. Strong plants. Each \$1.25.

**PAUL'S SCARLET.** No other climbing Rose can compare with this for brilliancy of color, which is maintained until the petals fall. The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes, the plants being literally covered from top to bottom with bloom. It is of strong climbing habit and perfectly hardy. This is one of the most popular climbing Roses. The most gorgeous climber ever produced. Each \$1.00.

**ROSES—Concluded**

**SILVER MOON.** Different from all other Roses, with beautiful semi-double flowers four and a half inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the center adds to its attractiveness. Each \$1.00.

12 for the price of 10.

The above Roses are strong 2-year field grown plants potted up during the winter and carried over for spring planting. If you want something strong for immediate effect these will delight you.

In addition to the above we have a large collection of rose plants in 4-inch pots especially grown for outside planting. These are strong plants many of them in bud and bloom. All should bloom freely for you the first year. We sold several thousand of these last year and they have given most excellent results where moderate attention had been given. Only brief color descriptions are given.

**HYBRID TEAS.**

Wm. R. Smith, Pink.  
Clothilde Sourpert, Pink.  
Columbia, Pink.  
Francis Scott Key, Deep Red.  
Duchess of Wellington, Saffron Yellow.  
Elsie Beckwith, Rose Pink.  
Gen. McArthur, Crimson Scarlet.  
Gruss and Teplitz, Crimson.  
Hadley, Red.  
Hermosa, Pink, Small but good bloomer.  
Jonkheer J. L. Mock, Deep pink, outside petals white.  
Kaserine Augusta Victoria, White.  
La France, Pink.  
Mme. Butterfly, Salmon Pink.  
Mme. Caroline Testout, Satiny-rose.  
Mrs. Aaron Ward, Deep Orange-yellow.  
Ophelia, Salmon-pink.  
Premier, Deep Rose-pink.  
Radiance, Carmine-pink.  
Red Radiance, Red.  
Sunburst, Yellow.  
Lady Alice Stanley, Coral-red.  
Richmond, Crimson-scarlet.  
Duchess of Albany, Pink.

Baby Ramblers or Dwarf Bush Roses. Very suitable for bedding or Cemetery planting. Red, Pink, White.

**CLIMBING ROSES.**

American Pillar, Pink.  
American Beauty, Rose-pink.  
Crimson Rambler, Bright crimson.  
Dorothy Perkins, Pink.  
Dr. Van Fleet, Flesh-pink.  
Eugene Jacquet, Crimson.  
Excelsa, Crimson.  
Gardenia, Yellow.  
Paul's Scarlet Climber, Crimson.  
Silver Moon, White.  
Tausendschon (Thousand Beauty), Light-pink.  
Price 60c each; \$6.00 per doz.

All the Roses we offer are sent C. O. D. for transportation charges. No charge for packing. In most cases they should be sent by express, in case of some small orders they may be sent by parcel post. We will use our discretion and send them the way that will be to your best advantage.

## CLIMBING VINE

**POLYGONUM AUBERTI (SILVER LACE VINE).** A wonderful rank grower and profuse bloomer, every one visiting our place last year admired this vine. One of the most desirable flowering climbers, the plant is of strong, vigorous growth, attaining a height of 25 feet or more producing through the summer and fall great foamy sprays of white flowers, and a well established plant during its long flowering period is a mass of bloom. Not only does it thrive in the Eastern and Middle States but does equally good in Oregon, Colorado and California, adapting itself to the most varied climatic conditions. Strong plants. Each \$1.00.

## SEEDS

We grow a great many flowers for the wholesale market, especially Larkspur and Gypsophlia. Many people have asked us to sell them seed of these. We have purchased an extra quantity of these seeds that we may accommodate our customers that may be interested in these flowers. They are taken from the seed that we sow ourselves and you will find them of the highest quality. All Seeds Postpaid.

**ANNUAL LARKSPUR.** General mixture of all colors. Large spikes, perfectly double flowers. Liberal packages with directions for planting for 10c.

**GYPSOPHLIA, ANNUAL BABY'S BREATH.** Small white flower used extensively to mix with other flowers. Liberal package for 10c.

**CELOCIA (COCKSCOMBE).** These produce some gorgeous heads of flowers in a wide range of coloring. Liberal package for 25c. You will be pleased with these.

## FERTILIZERS

We can furnish you with the following Fertilizers:

**FLORANID.** A very highly concentrated plant food imported from Germany. No other fertilizer that has ever been put on the market is recommended so highly as this product. A very small amount will go a long way. It will pay you to give this a trial, both for your Dahlias and other purposes. Excellent for house plants and so on.

A booklet will be sent with each order giving full instructions as to how to use it.

We are distributors in the Middle West for Floranid.

Trial cans, sufficient to make 10 gallons of liquid fertilizer, prepaid 15c.

1 lb. cans, prepaid, 75c.

50 lb. bags, \$12.00.

Larger quantities on application.

**BONE MEAL.** 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 125 lb. sacks, \$5.00.

10 lbs. will be enough for about 6 plants at planting time.

**COW MANURE.** Shredded and dried and therefore very highly concentrated, easily handled. You will find this most excellent to use on your lawns, gardens, around shrubbery and all flowering and bedding plants. Use it for your Dahlias a little stronger than instructions for sheep manure. Especially fine to use in a liquid form. 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.65; 100 lbs., \$3.00.

**PULVERIZED SHEEP MANURE.** 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.65; 100 lbs., \$3.00.

10 lbs. is sufficient for 6 Dahlia plants at planting time.

Any of the above fertilizers except Floranid (which needs to be used very sparingly) may be used freely when the ground is prepared in the spring and as a top dressing during the growing season, being careful to rake it in well. Would be very greatly benefited by a liberal watering immediately after applying.

All fertilizers except where noted sent C. O. D. for postage or expressage.

## THE FLOWER GROWER

A publication devoted to flowers of all kinds, describing their habits, requirements and so on, giving many seasonable suggestions and many other articles from time to time that are very interesting and helpful.

We recommend this most heartily.

If interested in a good publication that will prove helpful to you fill in the enclosed subscription blank enclosing subscription price as noted thereon and mail to publisher, Madison Cooper, Calcium, N. Y.

### FOR DAHLIA GROWERS



All Dahlia growers, Commercial and Amateur, will find it very greatly to their advantage to join the American Dahlia Society. The quarterly bulletins are full of information for the Dahlia Lovers. A letter to the secretary, Mr. Wm. J. Rathgeber, 198 N. Norton St., New Haven, Conn., inclosing \$2.00 for dues will make you a full-fledged member and will bring this most interesting booklet to you four times a year.

# OUR SPECIAL PRIZE OFFER

To Help Interest and Encourage the Amateur Grower of Dahlias  
in the Annual Dahlia Show

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## MISSOURI DAHLIA FARMS CO.'S SPECIAL PRIZE OFFERS AT THE 1927 DAHLIA SHOW

### FIRST PRIZE

Beautiful Silver Loving Cup

### SECOND PRIZE

\$15.00 Worth of Dahlia Bulbs

### THIRD PRIZE

\$10.00 Worth of Dahlia Bulbs

### NOTE REGULATIONS REGARDING THESE OFFERS BELOW

The Fourth Annual Dahlia Show will be held at the Missouri Botanical Garden the early part of October. Announcement of exact date will be made in due time through the press. For further information write Missouri Botanical Garden, St. Louis, Mo.

It has been through the courtesy of the Missouri Botanical Garden that we have had the very great pleasure of these shows. The public has shown their appreciation by the interest manifested. The attendance has always been large and the enthusiasm marked. The growers, both commercial and amateur, for the most part have been enthusiastic in their preparation for the shows.

We have been assured that a great many growers that have never heretofore shown any material interest are coming to the front with their flowers another year and will put their shoulder to the wheel with a vim to make the 1927 show by far the greatest Dahlia Show that the middle west has ever had the pleasure of attending.

The Missouri Dahlia Farms Co. feel that they should show their appreciation of the great effort put forth by the Missouri Botanical Garden by making a greater effort than ever before to have the next show a real success, therefore we are attempting to grow a fair sample of the best varieties of recent introductions and expect to have blossoms of these on display this fall, giving the lovers of this wonderful flower an opportunity of seeing what may be expected of these new varieties in the middle west. In addition to this effort we are going to offer a beautiful silver loving cup as a first prize to the amateur grower making the best exhibit of a collection of 6 varieties—3 flowers of each variety, as second prize we will offer a collection of \$15.00 worth of Dahlia bulbs and as third prize \$10.00 worth of Dahlia bulbs. The bulbs may be selected by the winner from our 1927 catalogue.

Let us all put forth our greatest efforts and prove to the skeptical what is possible to do with the Dahlia in this section.

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MISSOURI DAHLIA FARMS CO., Inc.

2809 Thomas Avenue

Wellston Station, St. Louis, Mo.

## **ORDER BLANK**

**KEEP A COPY OF YOUR ORDER**

## Missouri Dahlia Farms Co., Inc.

**Wellston Station, 2809 Thomas Avenue  
ST. LOUIS, MO.**

Date..... Amount inclosed.....

Your Name.....  
(Ladies will please use the prefix Miss or Mrs.)

P. O. .... Street.....

**State.....** **County.....**

**Express Office.....**

Shall I substitute for any that are sold out?.....

**About what date do you want them?.....**

If necessary, order may be continued to other side.



asked for a job. She was so young and so ignorant of the physiology of an ordinary fly that her earnestness was of no avail. Her sketches made at the art school saved the day, however. She was allowed to sketch at the insectary for practice.

From that moment, she bombarded Professor Aldrich with questions on beetles. Indeed, she became so well

acquainted with the physiology and behavior of insects that she soon qualified for the position which at first had been refused her.

For her black and white sketches, her models are mounted and drawn through a microscope. But her color work is done from observation of live insects. Choosing one in the garden, she studies it for days sometimes, to discover just

how it eats and handles its legs. If she wishes to take it inside, she simply moves the plant on which the insect is lodged.

Reproductions of her work appear in Farmers' Bulletins, and on slides for lectures. At present she is working hard on illustrations for an entomology book.

DUFF GILFORD.

## The Dahlia King of the Mid-West

**S**IXTEEN years ago, in the outskirts of St. Louis, a man might have been seen carrying two chip baskets of dahlia bulbs to a tiny three-cornered lot. The man was broken in health and heavily in debt; the lot was almost literally covered with mortgages.

That man was F. M. Davis, known far and wide to-day as the owner of the Missouri Dahlia Farms, located just outside of St. Louis. He is perhaps the largest grower of dahlias west of New York, and he is one of the most noted dahlia specialists in the world. His collection is now valued at more than \$100,000. During the past season alone, he grew nearly 120,000 plants, including specimens of practically all known varieties.

Recently Mr. Davis threw open his farms to visitors. On the Sunday following the announcement of his invitation, he had fifteen thousand callers. Names from twenty-four states and the District of Columbia appeared on the registration books.

When Mr. Davis started out with his two chip baskets full of bulbs, and the statement that he intended to grow dahlias for the market, he was assured by flower men everywhere that good dahlias could not be grown on his land. But he believed that nobody had yet given dahlias a fair chance in the Mid-West, and he persisted in his determination to grow them. So he planted his bulbs, and waited hopefully. That season there was an early frost, and he lost every one of his bulbs.

The next time he planted two wagonloads of bulbs. Again he lost them all. But his faith in his project was unshaken. He still believed that he could grow prize dahlias on his three-quarters of an acre of Missouri soil. Once more he started work on the lot which several times he had been almost forced to surrender. Digging with a spading fork, dropping the bulbs by hand, and cultivating with a hoe, he went stubbornly ahead. This time, the first little glimmer of success rewarded his efforts. There were flowers—small and plain, to be sure, but flowers! Four baskets of them.

This was the turning point. The Davis dahlias improved from season to season, and there was soon a steady market for them. In a few years, the mortgages disappeared from the lot,

more acres were bought, and the chip baskets gave way to a spring wagon for delivery purposes.

Three years ago, Mr. Davis entered some of his best plants at the dahlia show held annually in October at the Missouri Botanical Gardens. Of the twenty-four awards given, he won seventeen, including the silver medal of the Dahlia Society of New York. The following year, he won several firsts, nine seconds, seventeen ribbons, and a



F. M. Davis has won many prizes with the dahlias he grows on his farm just outside of St. Louis. Mr. Davis started in the business sixteen years ago without money or experience. Now he is regarded as one of the most authoritative dahlia specialists in the world

silver medal. The next year, his dahlias were awarded ten firsts, six seconds, five thirds, and for the best general display the silver medal of the American Dahlia Society.

Besides all the best standard plants he now has a great many new and unnamed varieties of his own origination. Of one variety alone there are twenty thousand plants.

It has taken years and unending patience to change the prim, inconspicuous quill-petal posy of our grandmothers' gardens into the gorgeous chrysanthemum-like blossom which is the present-day dahlia. As a result of his experiments, Mr. Davis has become an expert dahlia matchmaker, "marrying" many of his pet plants to other and quite different varieties.

Mr. Davis's method of growing dahlias is no secret. He is frank about what he does and how he does it, and says that any dahlia grower by following the same methods should be reasonably sure of good results. In the fall, clippings from the lawn, leaves, and weeds are always turned under to enrich the earth. In the spring, one dahlia clump is divided into several. There must be at least one or two eyes to each bulb and no broken necks. From one clump, there are sometimes twelve new bulbs. Overgrown sprouts must always be removed before planting.

Mr. Davis attributes much to the high location of his farm, which gets plenty of sunlight. He says that high ground is not an absolute necessity, but that plenty of sunlight is.

The dahlia comes to full perfection in October; but it continues to bloom until cut down by the frost. Experience has taught the specialist that late planting is best; in wet, rainy years he recommends waiting as late as the last of July. The rows are laid out with plenty of room between, about three to four feet at least for high-class flowers. The bulbs are dropped flat, never on end, two feet apart, eye up. When the rows run east and west, the eye faces east; when the rows run north and south, the eye faces south. "Hoe instead of water"—is the Davis slogan.

Another of Mr. Davis's principles is to stake at planting time, so as not to injure the bulb. As the plants grow, he ties them up foot by foot. Those set out for massive effect, he neither ties nor stakes. For exhibition purposes, he allows only one bud to form on each branch, or lateral.

After the first heavy frost which cuts off the tops, the harvesting and storing begin. All the bulbs must be taken up before the ground begins to freeze.

There are no greenhouses on the farm, no forced, hothouse dahlias. All of the plants grow out of doors, and all the work is done in the open.

The bulb industry now has far outgrown the flower shipments. Frequently orders include as many as ten thousand bulbs. And shipments are made to France, Rumania, China, New Zealand, and other foreign countries.

M. A. MALONE.

READ  
REPRINT ARTICLE  
FROM  
AMERICAN MAGAZINE  
AUGUST 1926  
ON  
OTHER SIDE OF  
SHEET



A FEW OF THE VISITORS AT THE FARM

IT WAS ESTIMATED THAT 15,000 PEOPLE VISITED OUR FARMS THE DAY THE ABOVE PHOTOGRAPH WAS TAKEN

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## Directions as to How to Reach the Farm from St. Louis

By automobile take St. Charles Road to Walton Road. Farm located on north side of St. Charles Road.

By electric car from St. Louis, take Wellston, Hodiamont or City Limits Cars to Wellston, from there take St. Charles Car to Missouri Dahlia Farms at the Walton Road.

# MISSOURI DAHLIA FARMS CO., Inc.

ESTABLISHED 1909

INCORPORATED 1924

## A FIELD OF ORANGE KING



The above view is a portion of one of the fields of Orange King designed to give an idea of the wonderful blooming qualities of this variety. Note the long, wiry stems.

The bulbs were planted about the middle of July and no special care was given the plants other than thorough cultivation, no disbudding whatever.

This picture was taken the early part of October, and the plants had been in full bloom quite a long time previous to this.